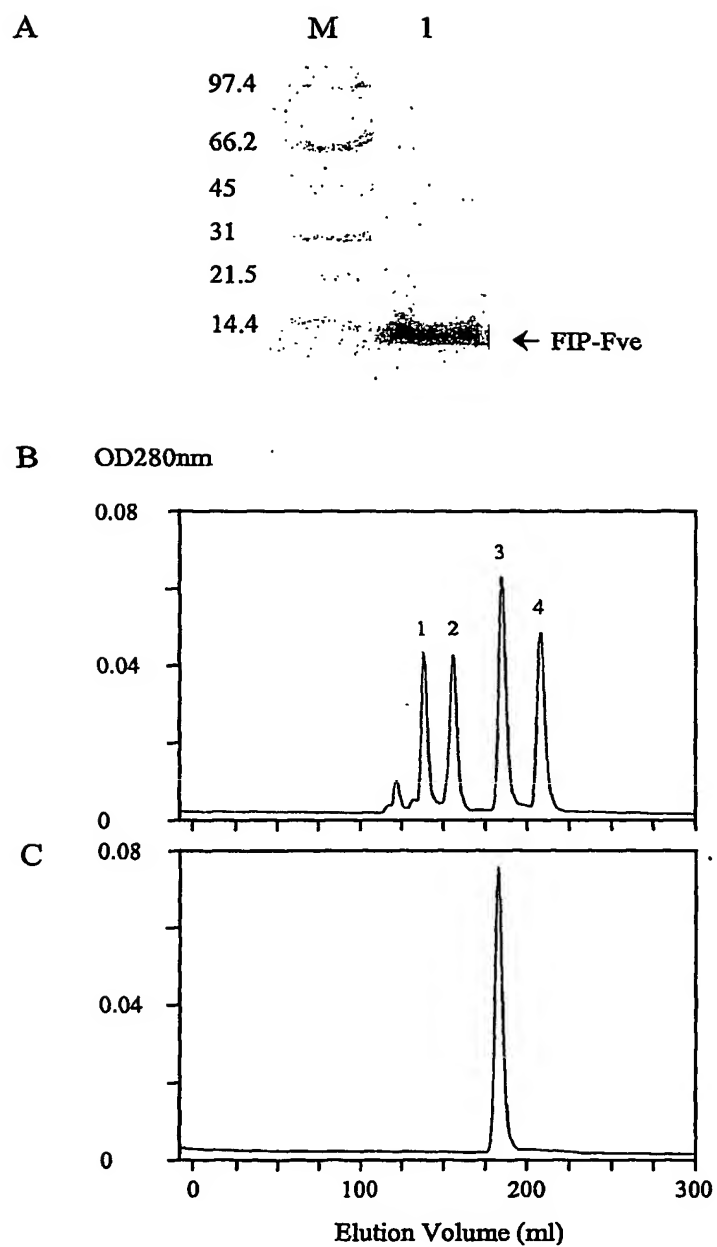
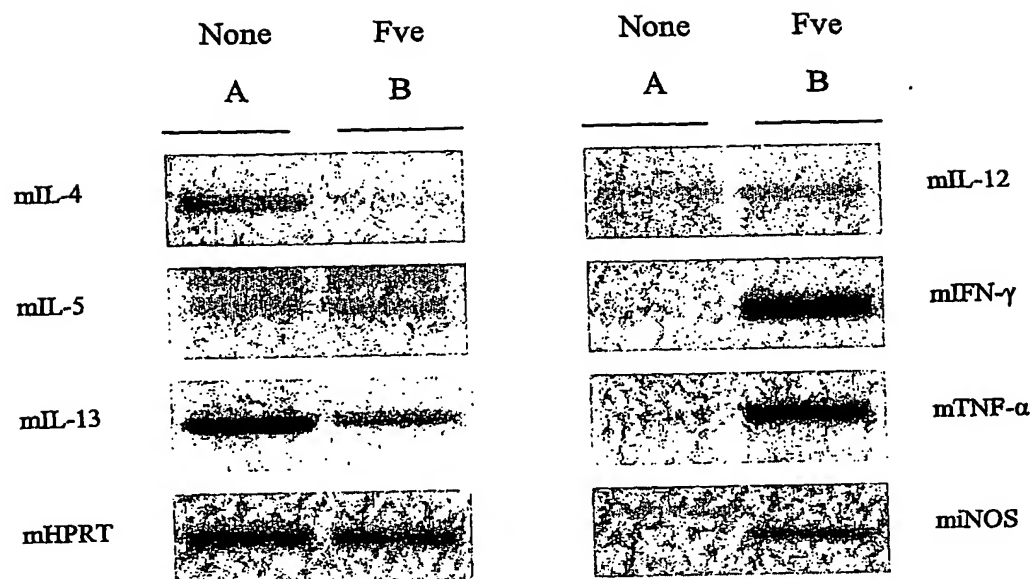


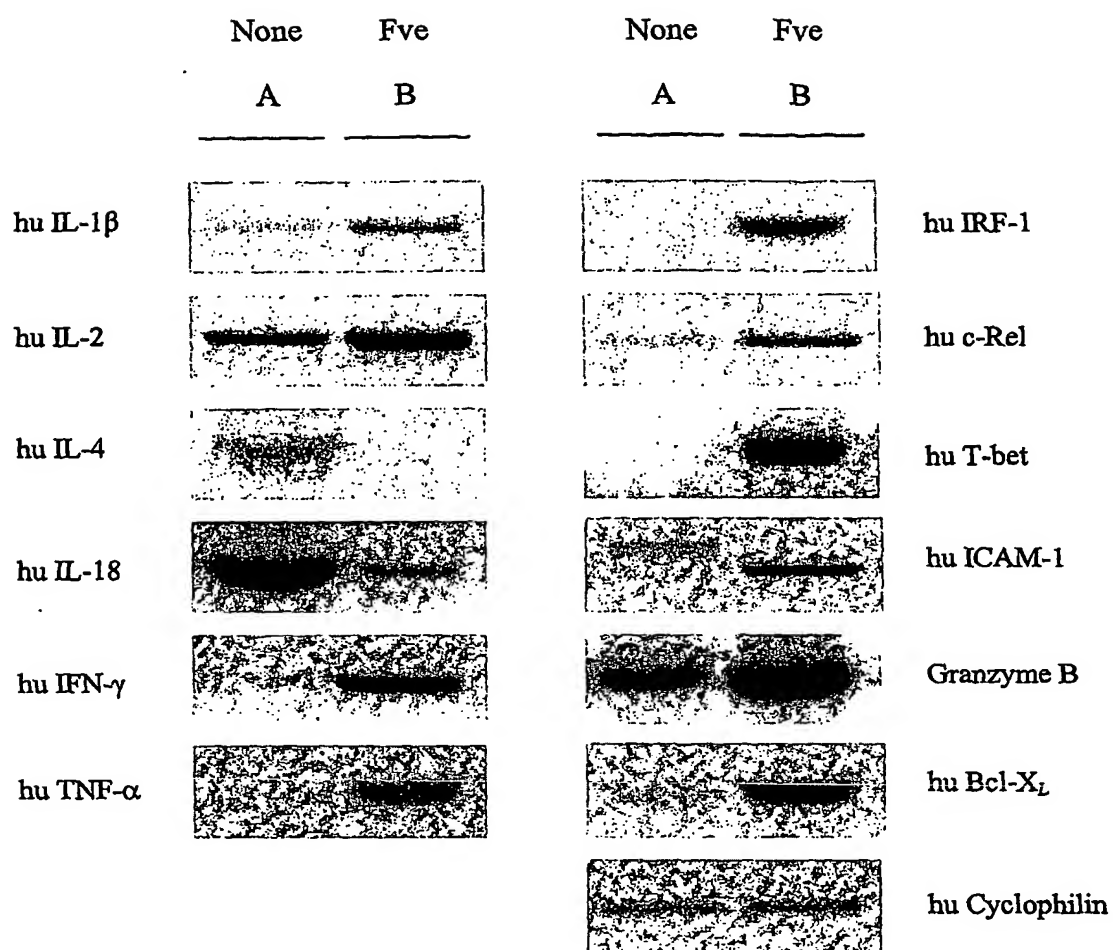
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**FIGURE 1**

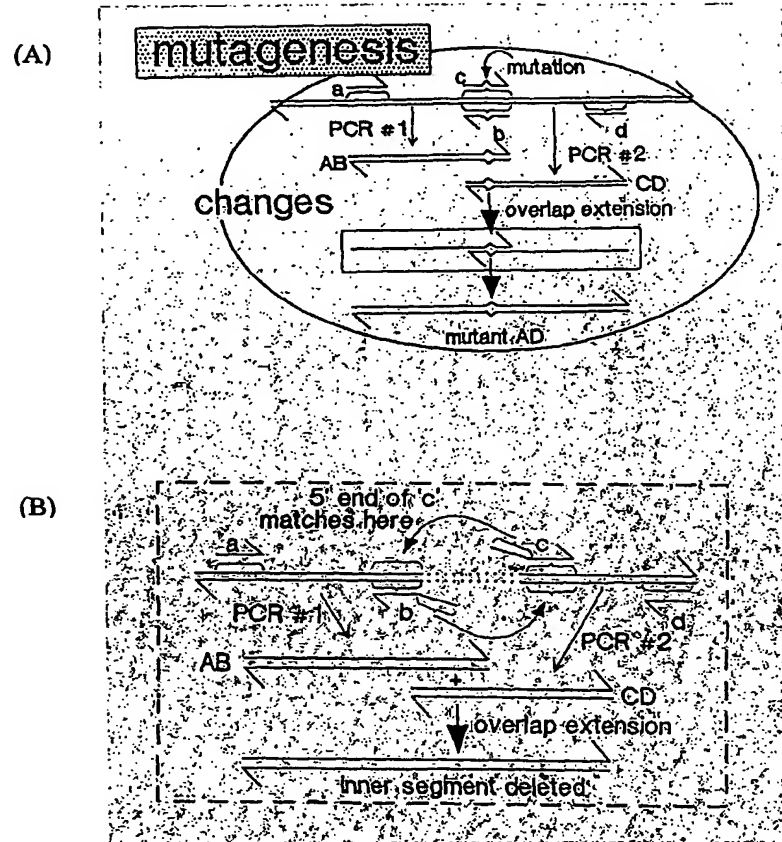
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**FIGURE 2**

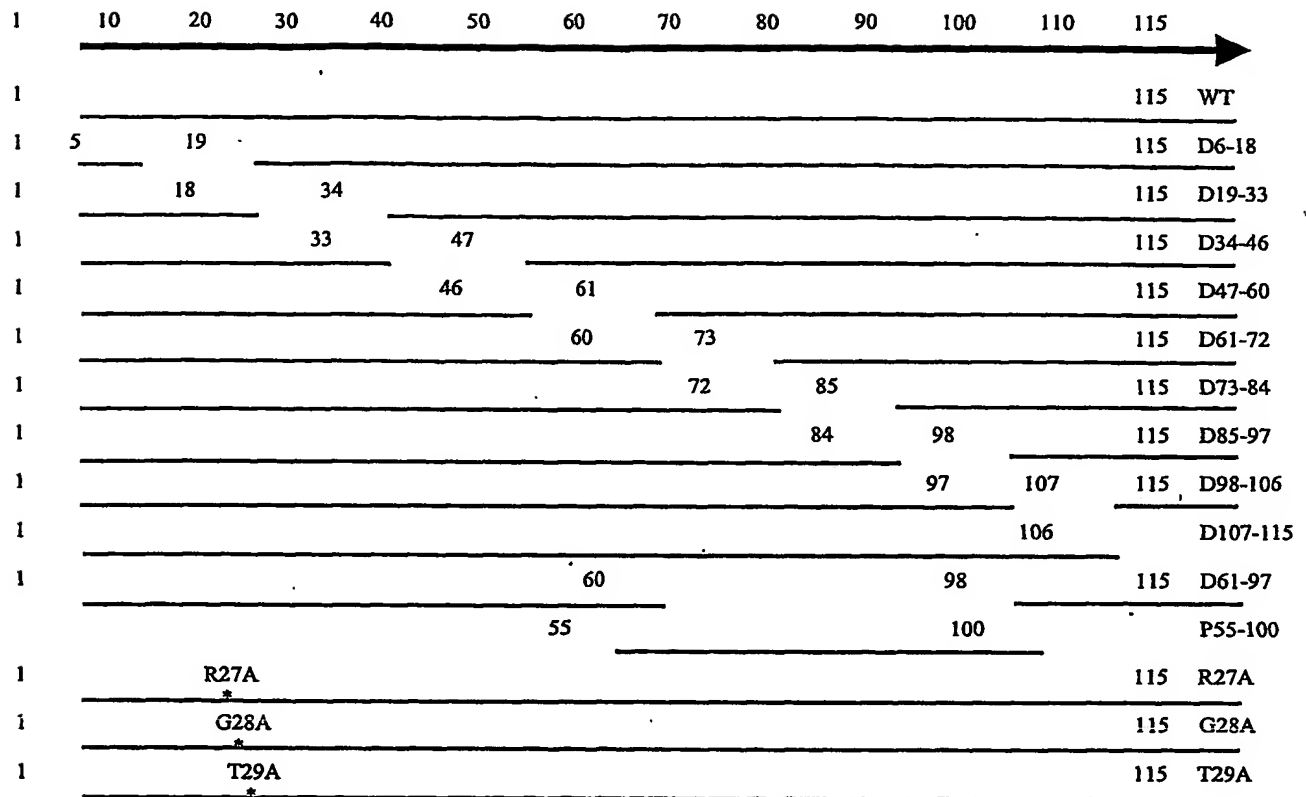
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**FIGURE 3**

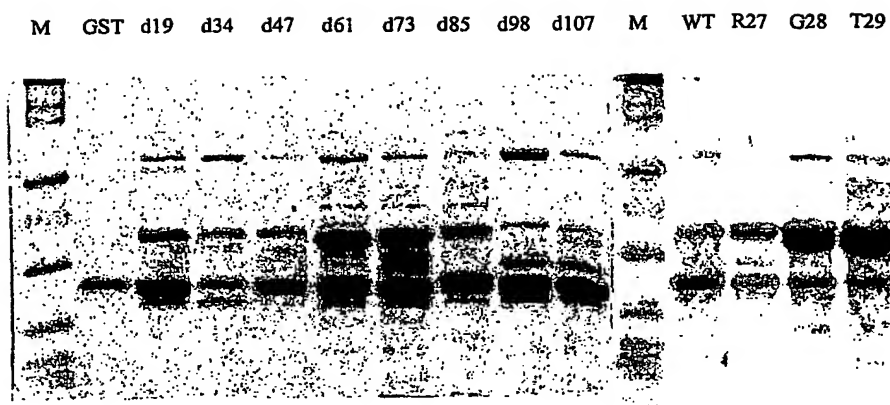
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**FIGURE 4**

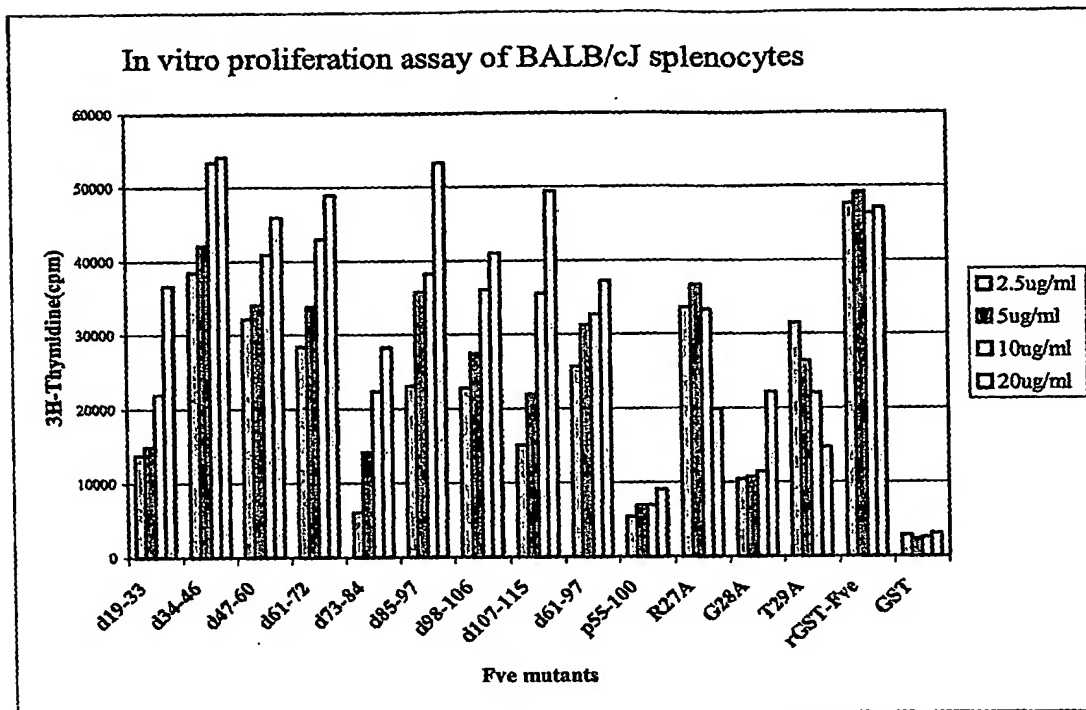
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**FIGURE 5**

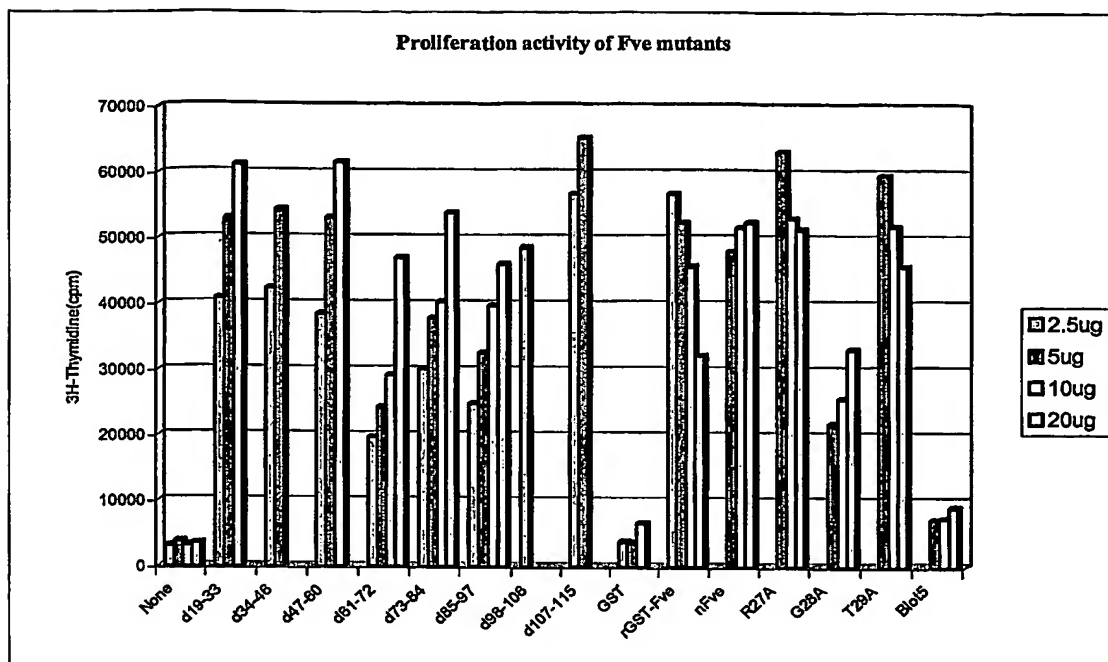
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**FIGURE 6**

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**FIGURE 7**

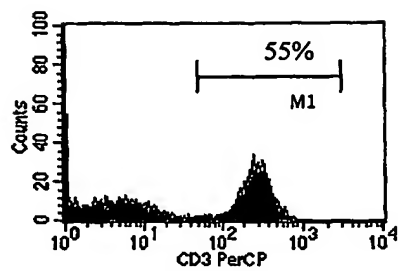
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**FIGURE 8**

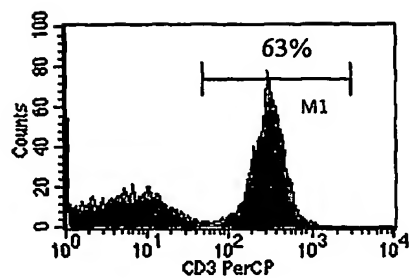


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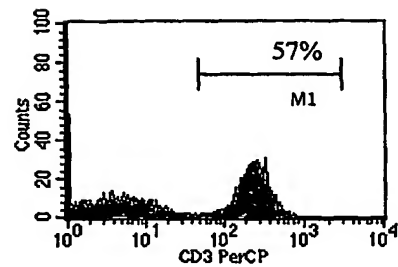
(A).



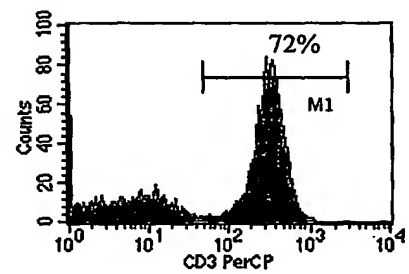
(C).



(B).

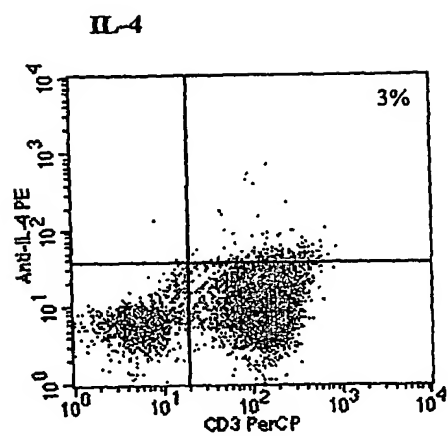


(D).

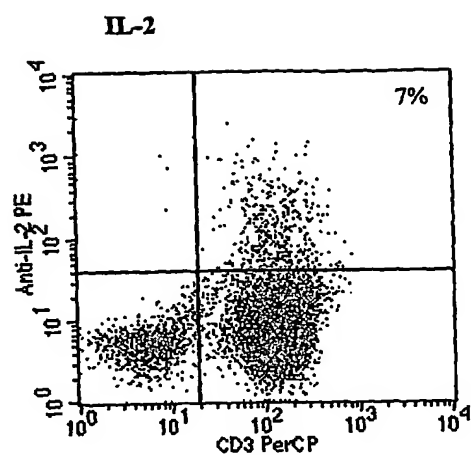
**FIGURE 9**

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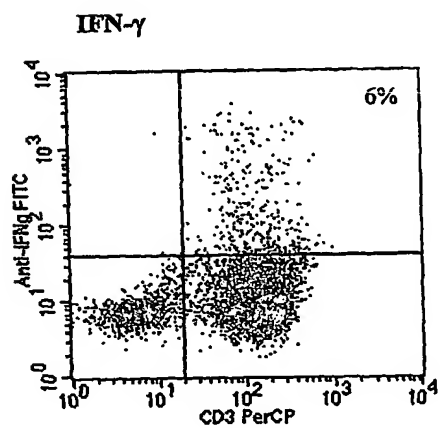
(A).



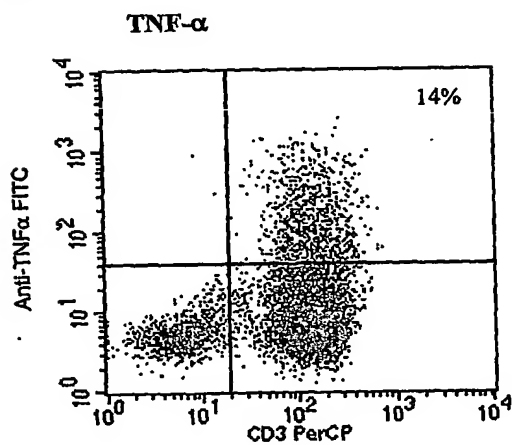
(B).



(C).



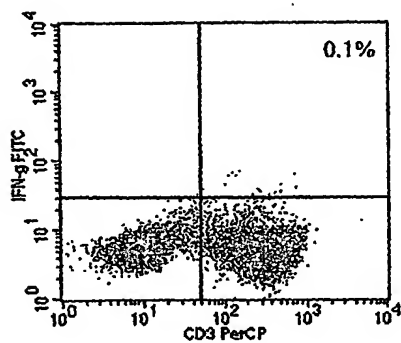
(D).

**FIGURE 10**

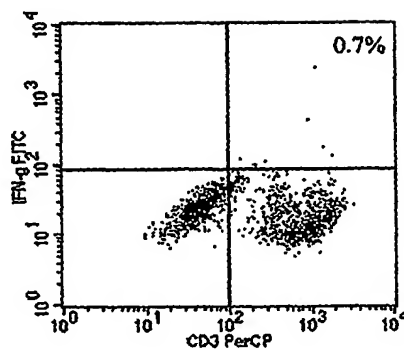
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*IFN- $\gamma$  production at day 3*

(1a).



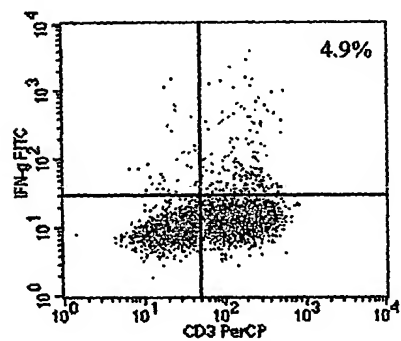
(1b).



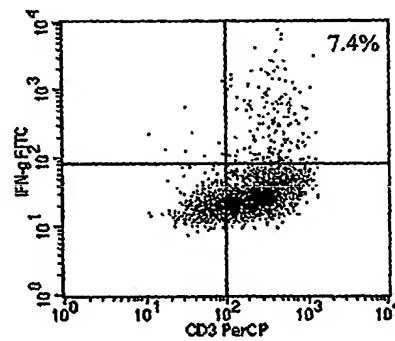
GST

0.8%

(2a).



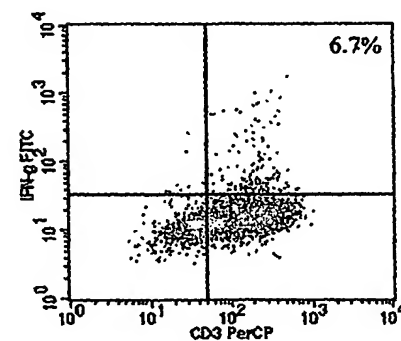
(2b).



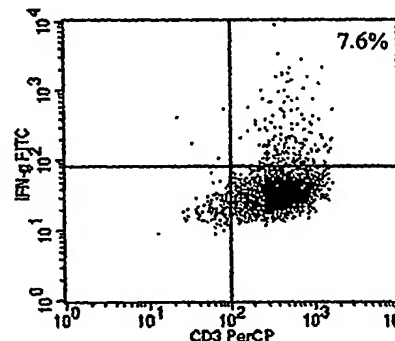
GST-FveWT

12.3%

(3a).



(3b).



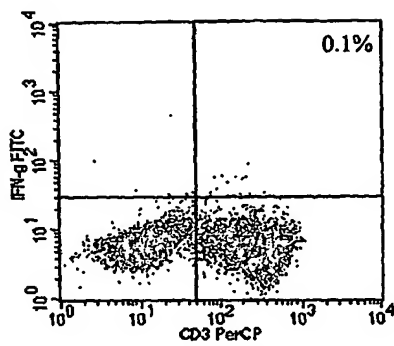
GST-FveR27A

14.3%

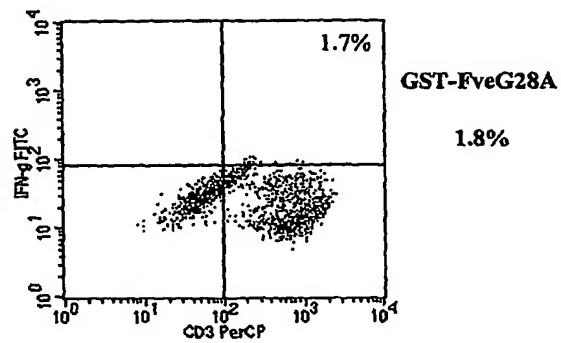
**FIGURE 11**

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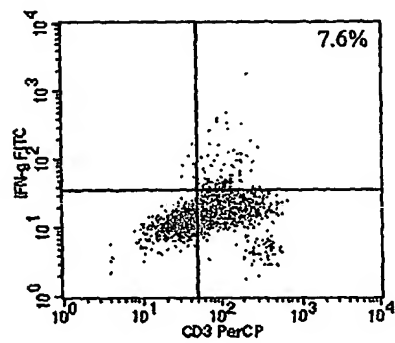
(4a).



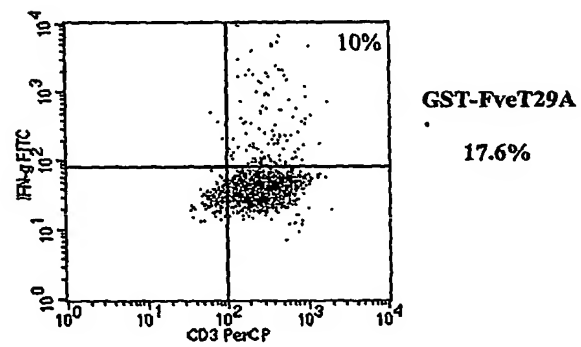
(4b).



(5a).



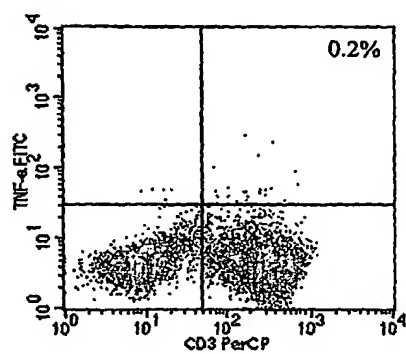
(5b).

**FIGURE 11 (CONTINUED)**

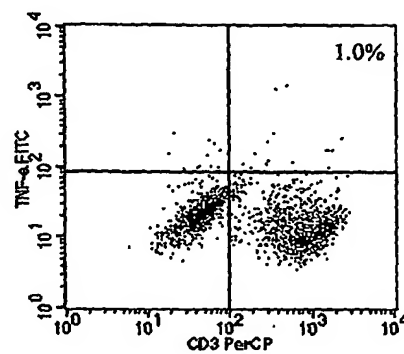
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**TNF- $\alpha$  production at day 3**

(1a).



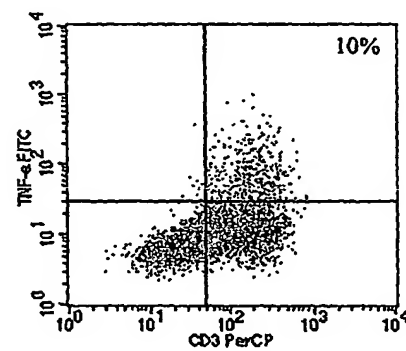
(1b).



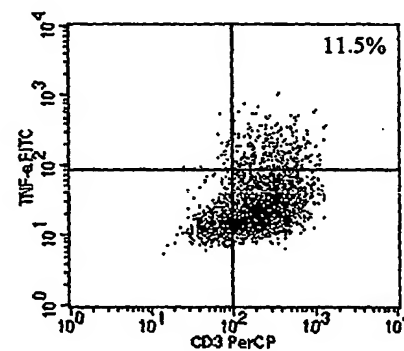
GST

1.2%

(2a).



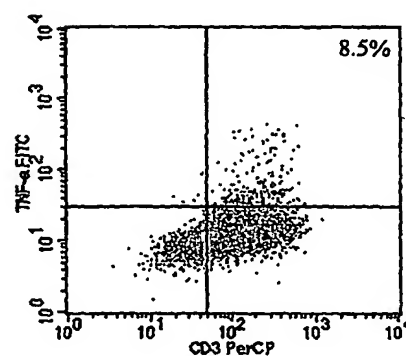
(2b).



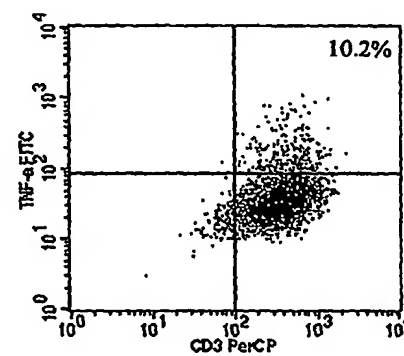
GST-FveWT

21.5%

(3a).



(3b).



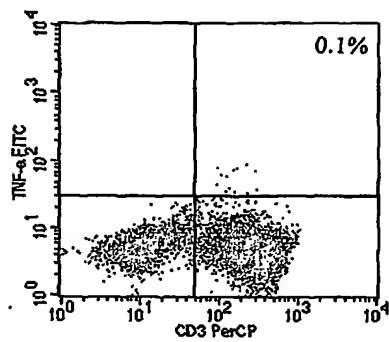
GST-FveR27A

18.7%

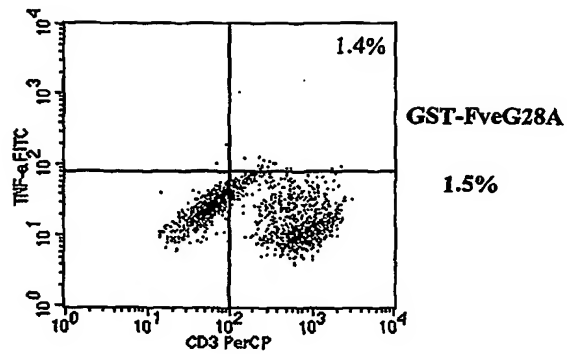
**FIGURE 12**

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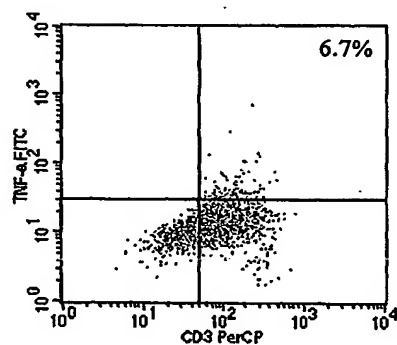
(4a).



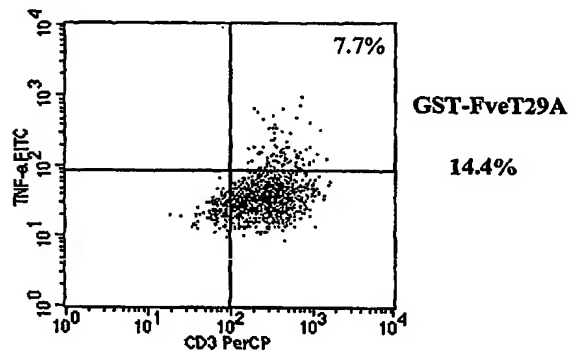
(4b).



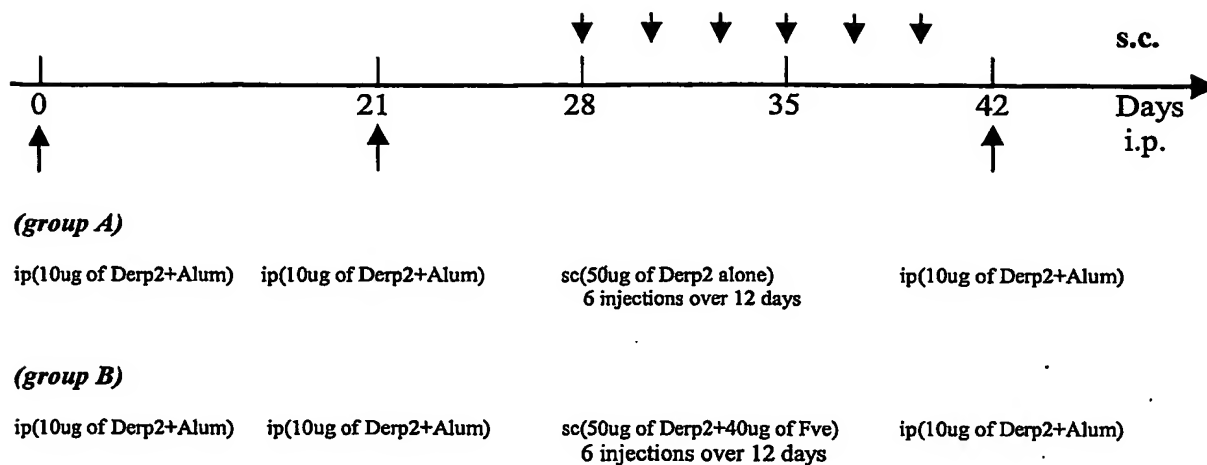
(5a).



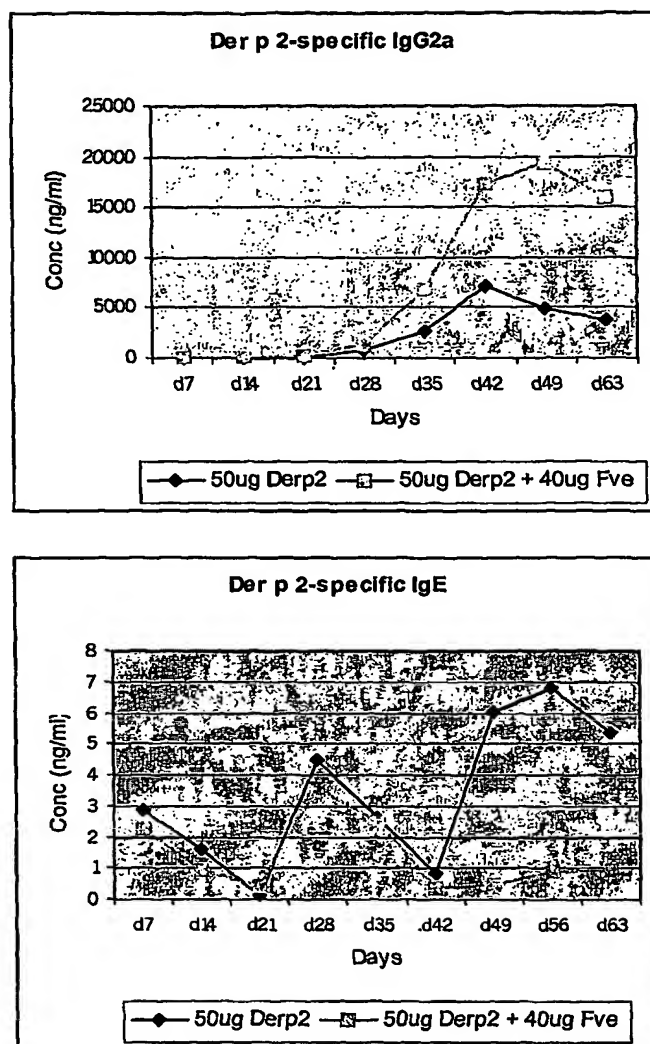
(5b).

**FIGURE 12 (CONTINUED)**

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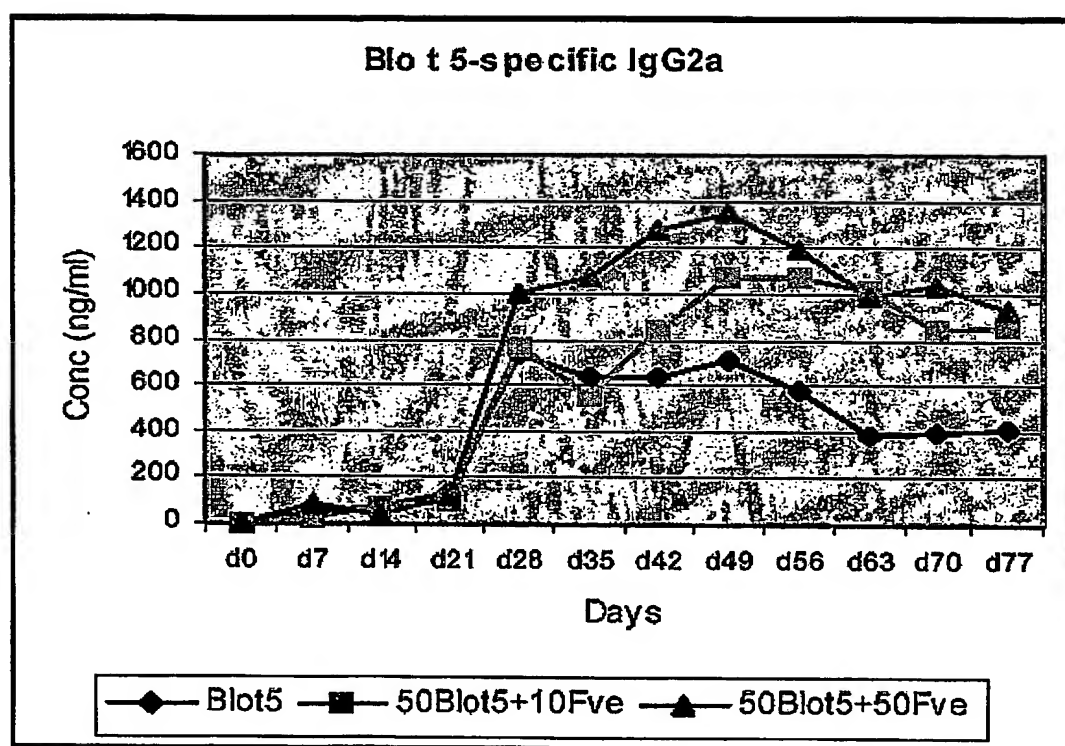
**FIGURE 13**

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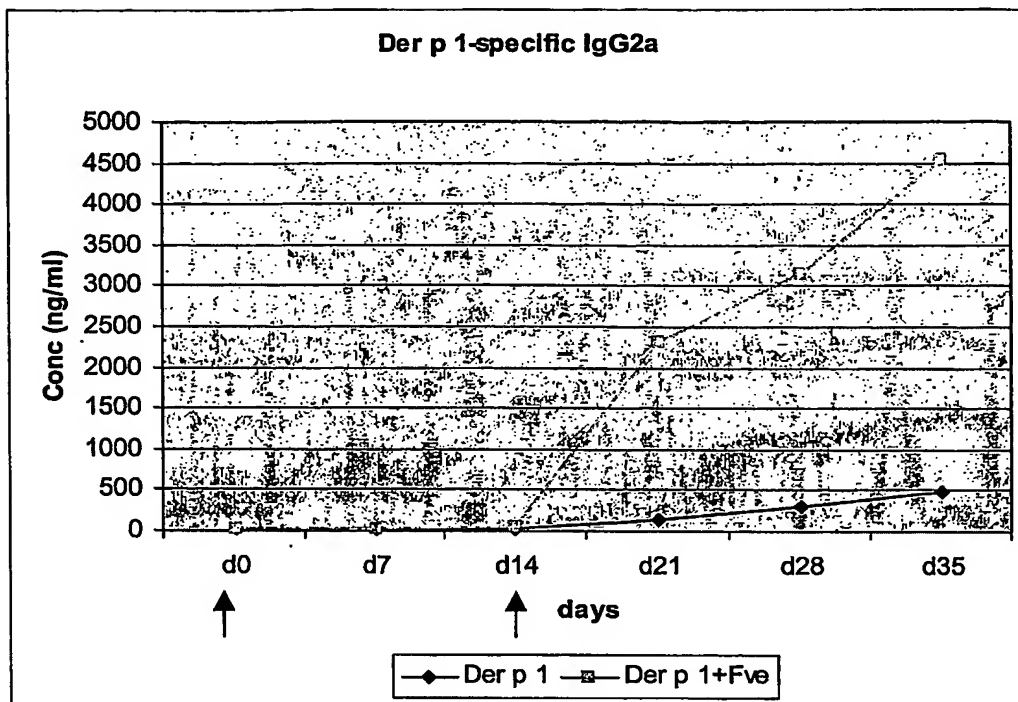
**FIGURE 14**



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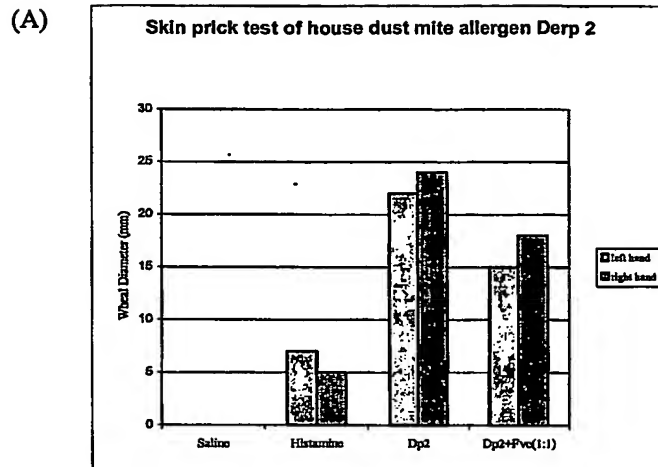
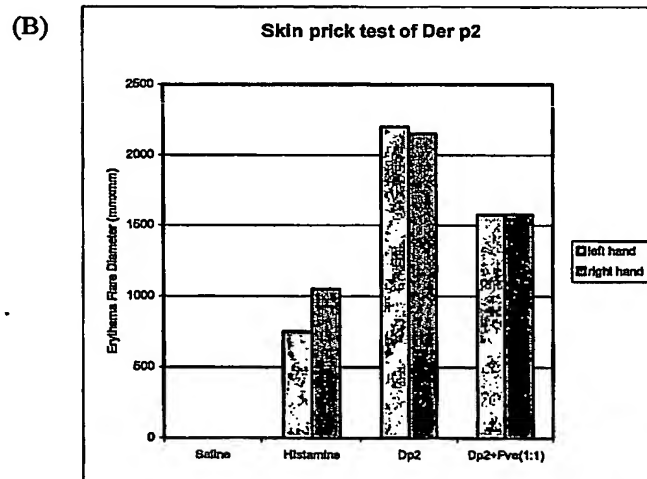
**FIGURE 14B**

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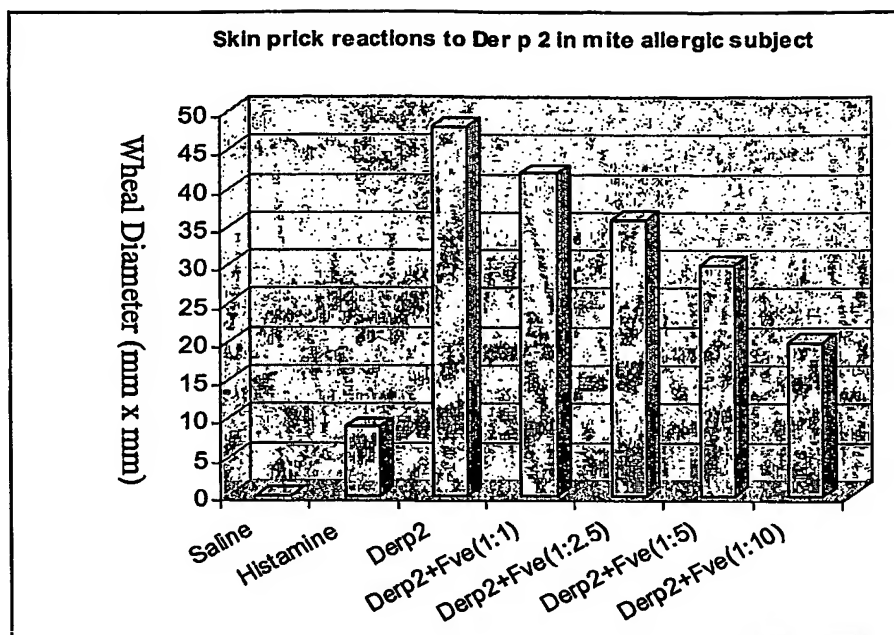
**FIGURE 14C**

Mice received subcutaneous injection of a mixture of 10 ug of major mite allergen Der p 1 and 10 ug of Fve at days 0 and 14. Results showed that Der p1+ Fve induced higher Der p 1-specific IgG2a (pink) than Der p 1 alone (Blue).

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**FIGURE 15A****FIGURE 15B**

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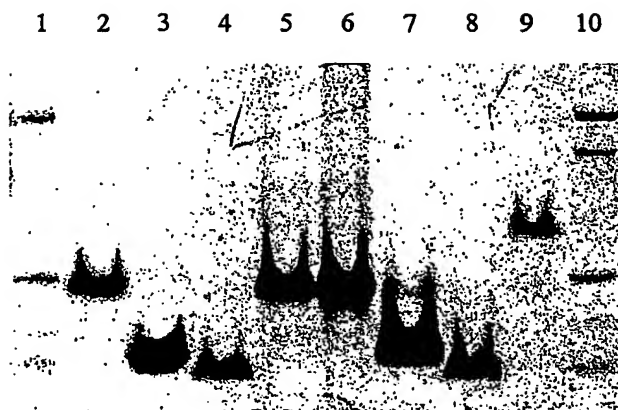
**FIGURE 15C**

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Blo t 5	Fve	Bt5-Fve	
Blo t 5	FveR27A	Bt5-FveR27A	
Blo t 5	FveT29A	Bt5-FveT29A	
Der p 2	FveR27A	Dp2-FveR27A	
Der p 2	FveT29A	Dp2-FveT29A	
Blo t 5	Der p 2	FveR27A	Bt5-Dp2-FveR27A
Blo t 5	Der p 2	FveT29A	Bt5-Dp2-FveT29A

**FIGURE 16**

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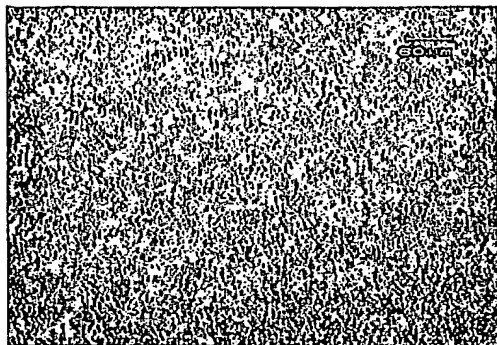


**FIGURE 17**

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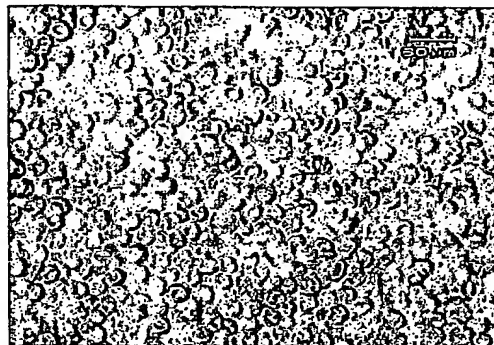
(1a)

Control: Non-stimulated (10x10 magnification)



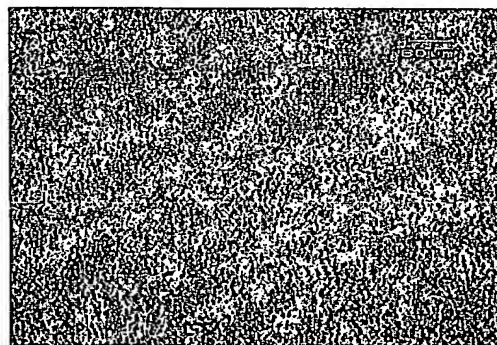
(1b)

Control : Non-stimulated (40x10 magnification)



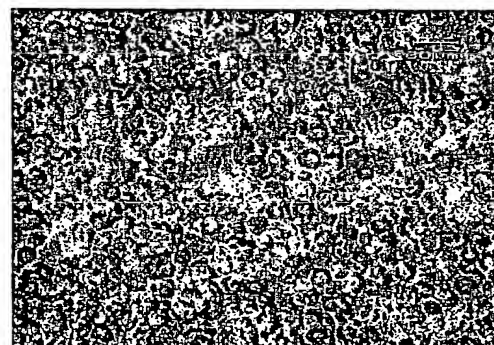
(2a)

20ug of GST 10x10



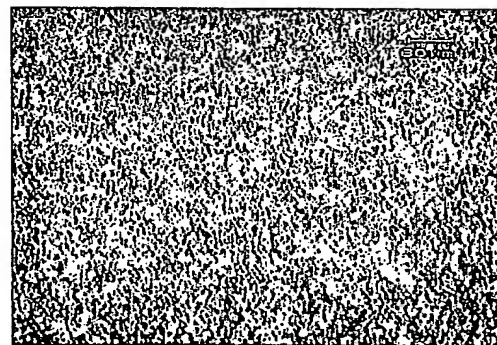
(2b)

20ug of GST 40x10



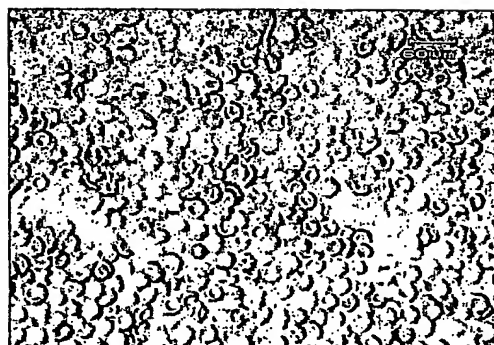
(3a)

20ug of Blo t 5 10x10



(3b)

20ug of Blo t 5 40x10

**FIGURE 18**

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(4a)

20ug of native FIP-Fve 10x10



(4b)

20ug of native FIP-Fve 40x10



(5a)

20ug of Bt5-Fve 10x10



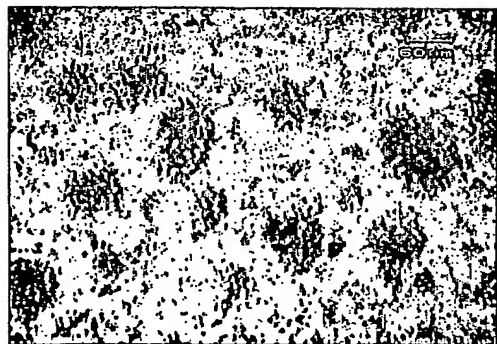
(5b)

20ug of Bt5-Fve 40x10



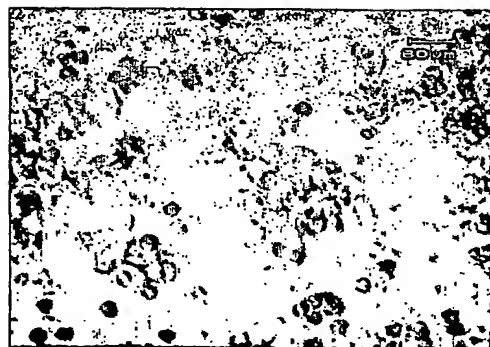
(6a)

40ug of Bt5-Fve 10x10



(6b)

40ug of Bt5-Fve 40x10

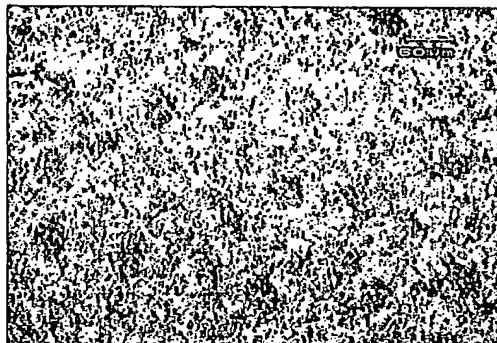
**FIGURE 18 (CONTINUED)**



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(7a)

40ug of Bt5-FveR27A 10x10



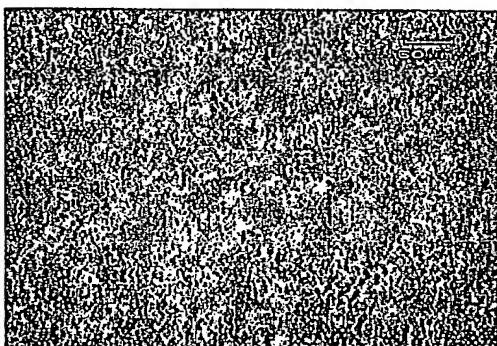
(7b)

40ug of Bt5-FveR27A 40x10



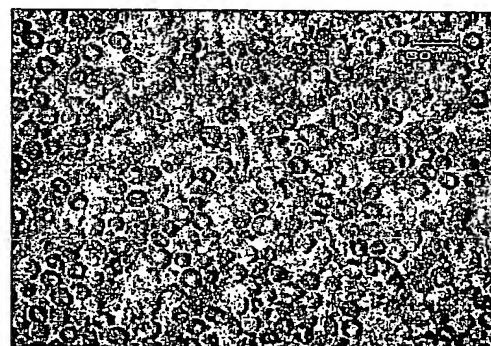
(8a)

20ug of Der p 2 10x10



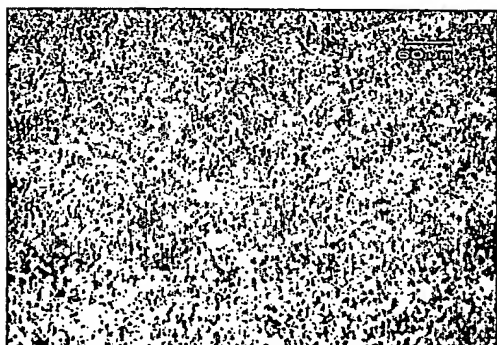
(8b)

20ug of Der p 2 40x10



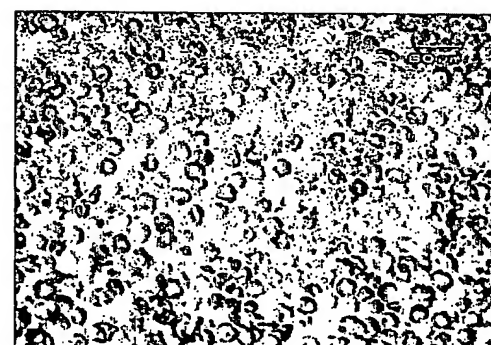
(9a)

40ug of GST-Dp2-FveR27A 10x10

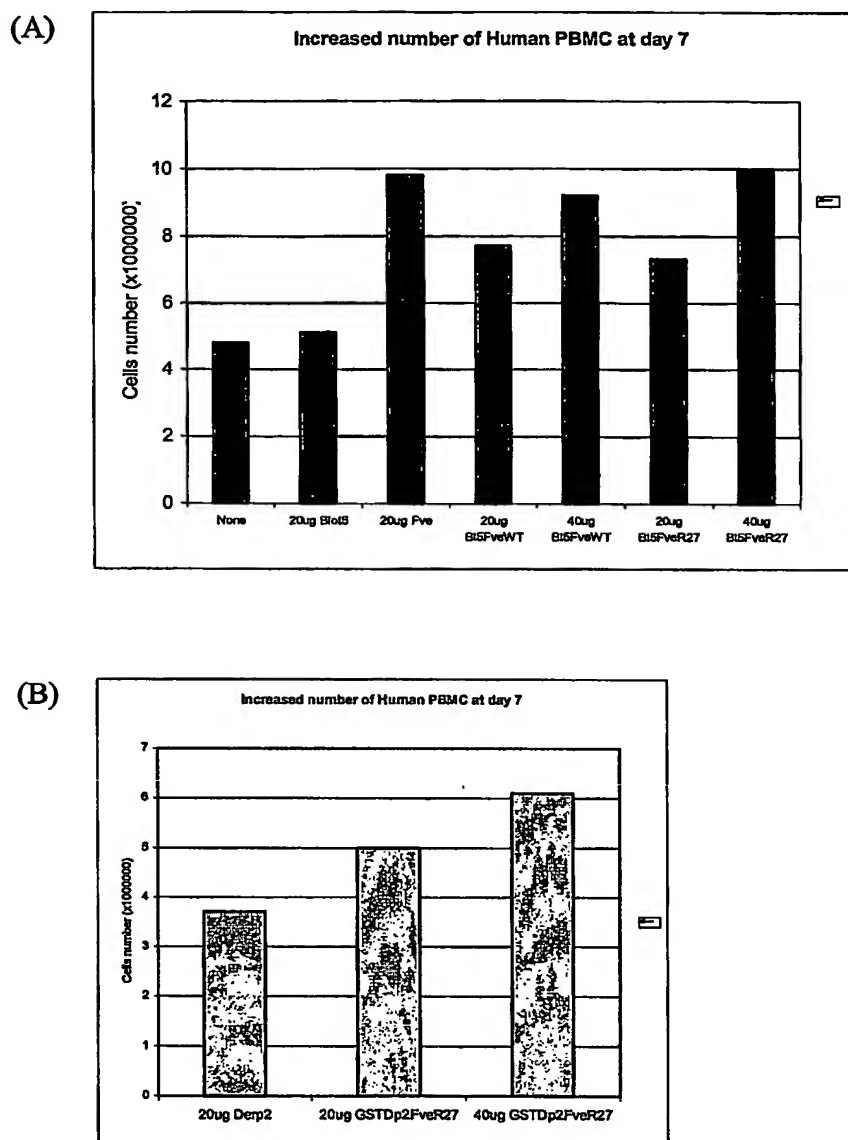


(9b)

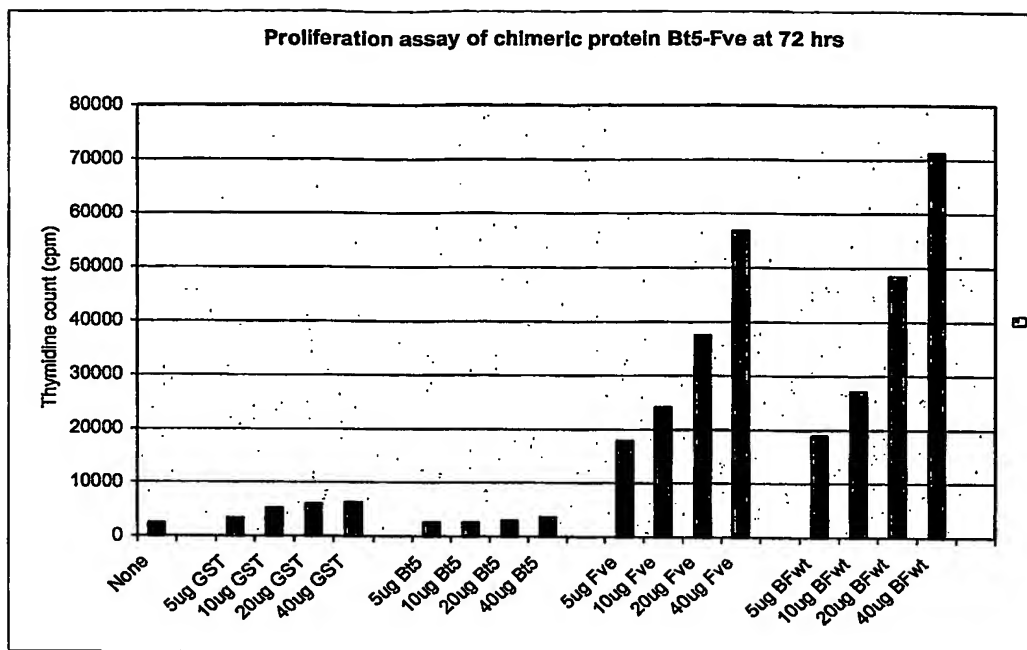
40ug of GST-Dp2-FveR27A 40x10

**FIGURE 18 (CONTINUED)**

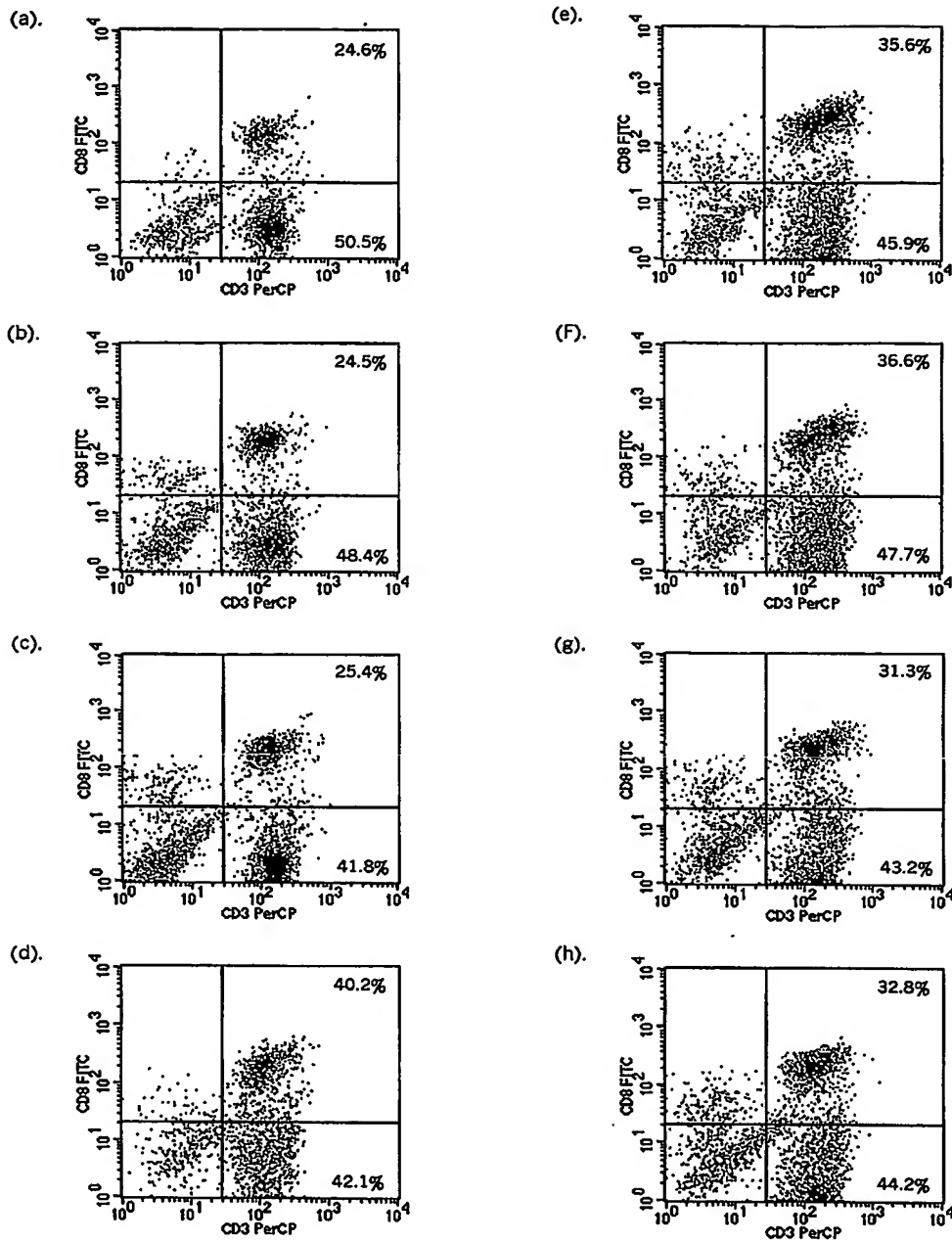
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**FIGURE 19**

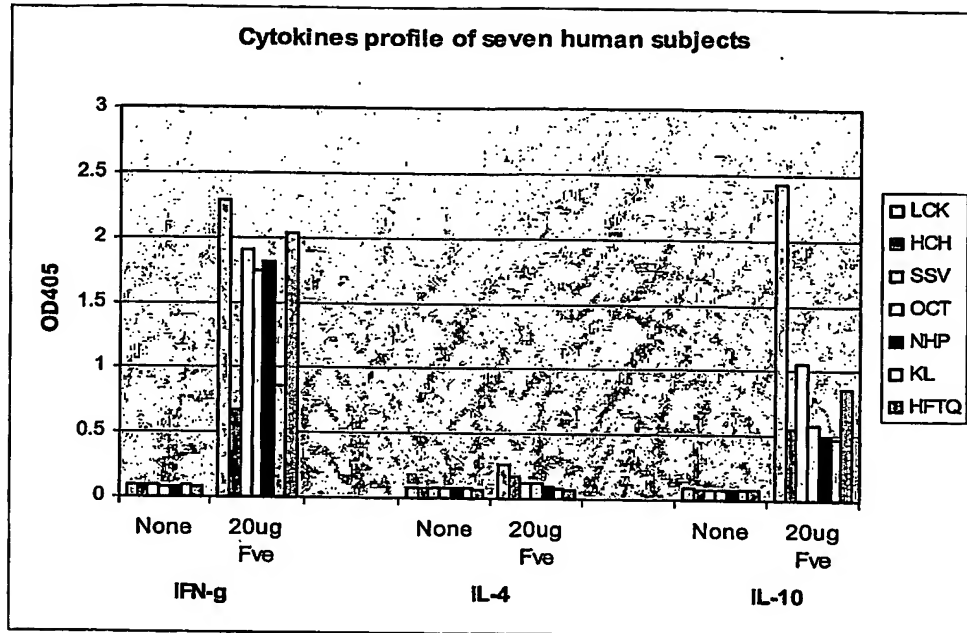
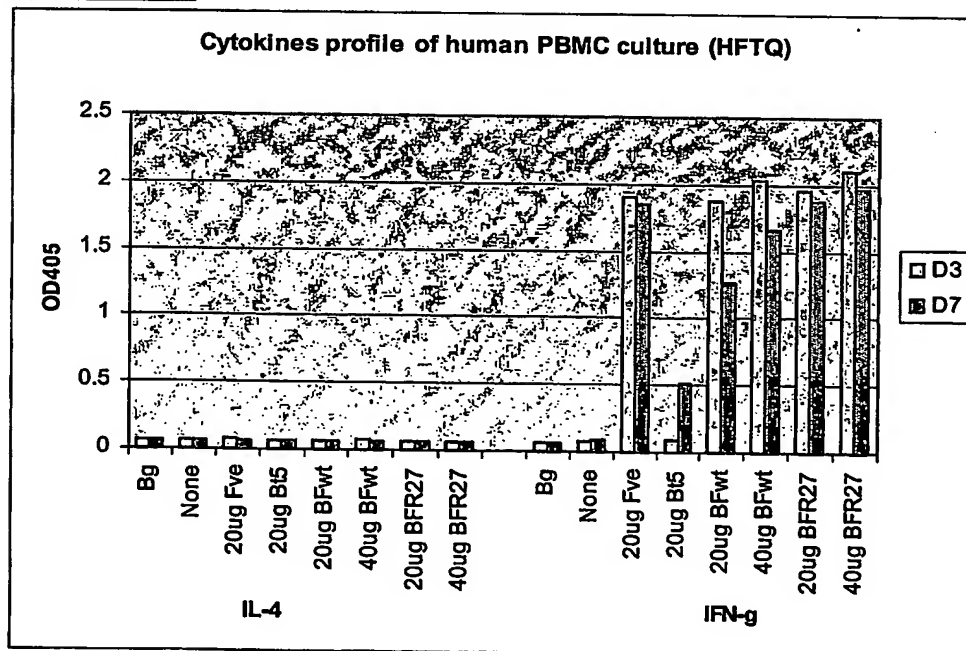
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**FIGURE 20**

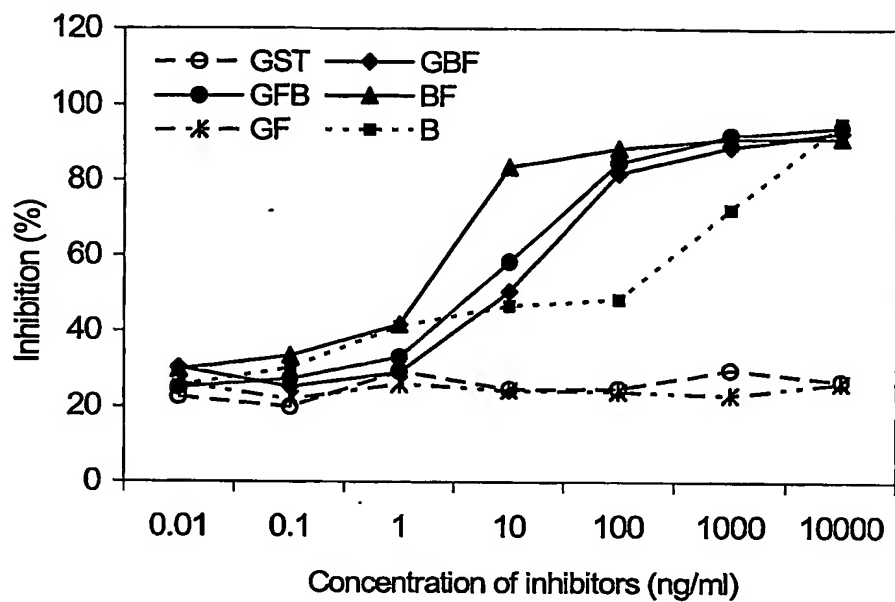
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**FIGURE 21**

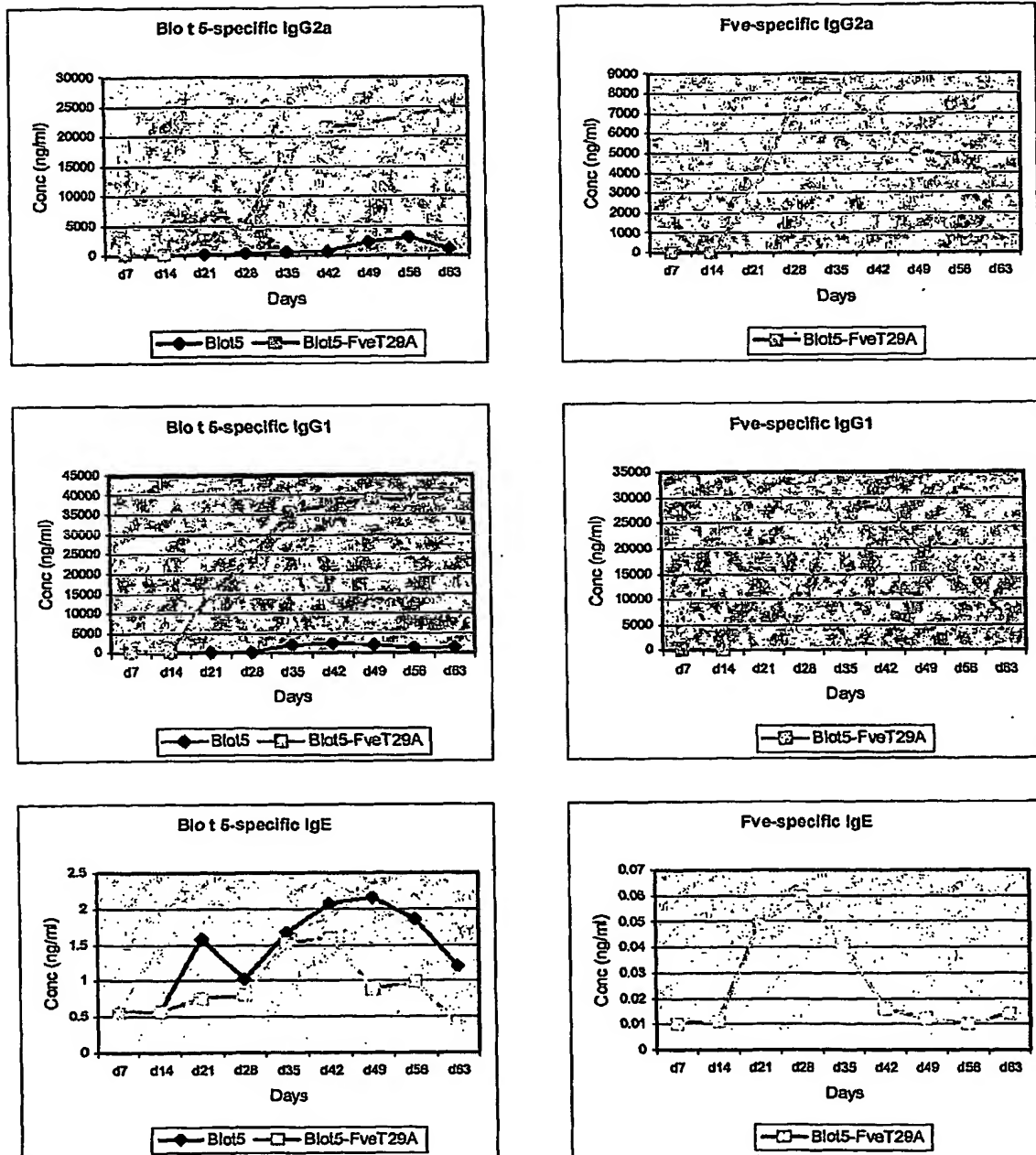
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**FIGURE 22A****FIGURE 22B**

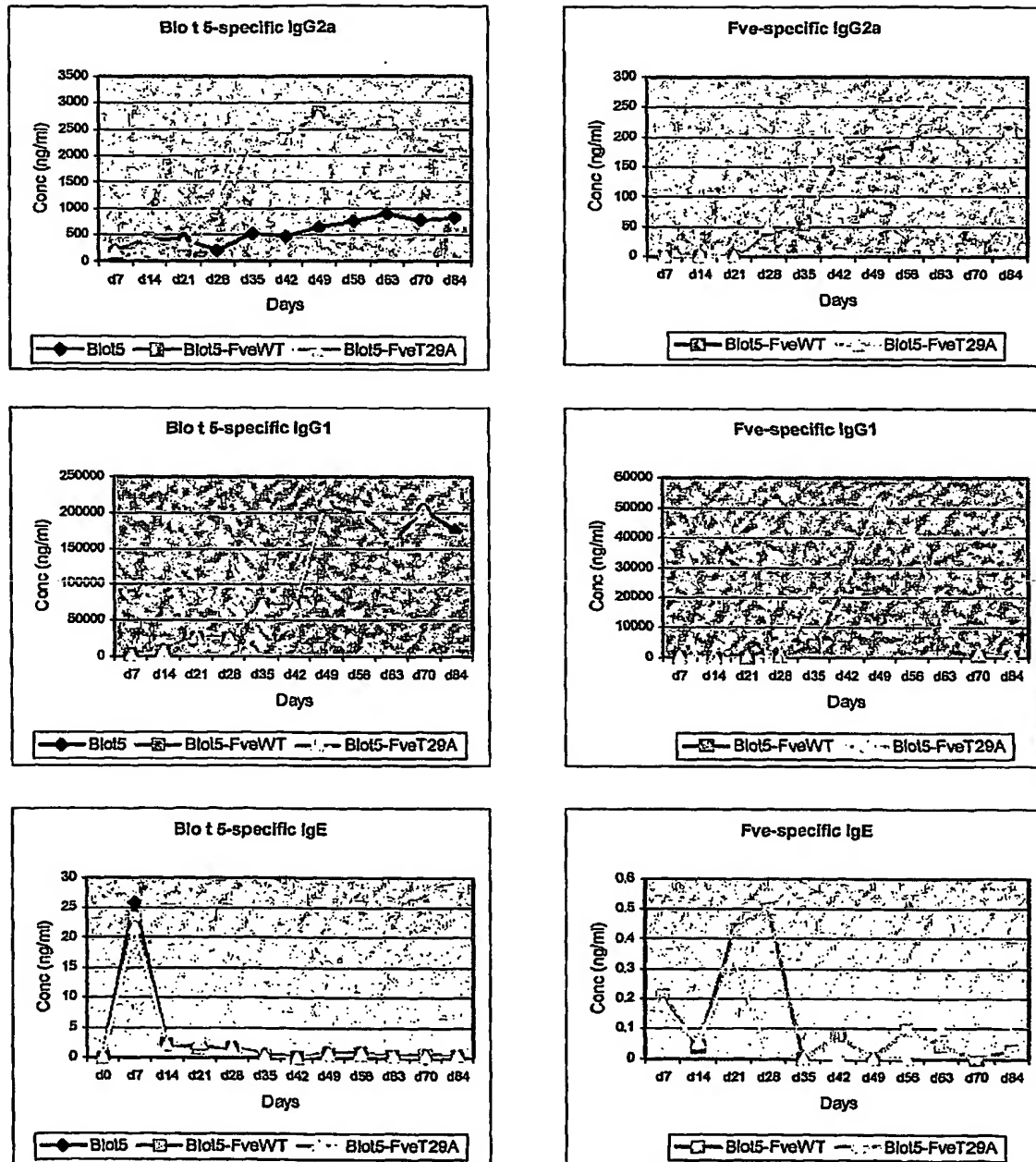
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**FIGURE 23**

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**FIGURE 23B**

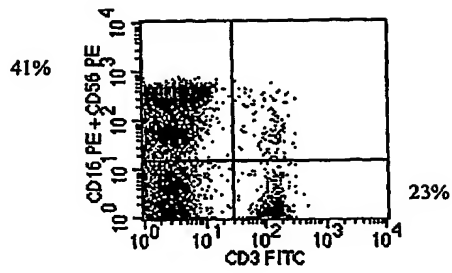
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**FIGURE 23C**

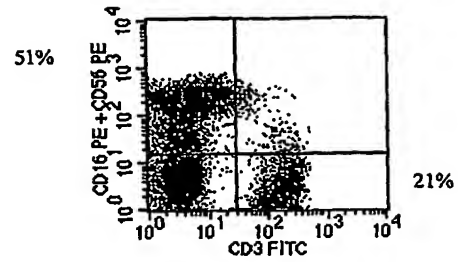


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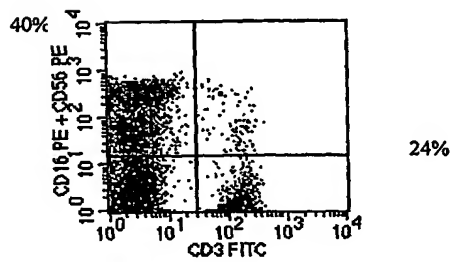
(a).



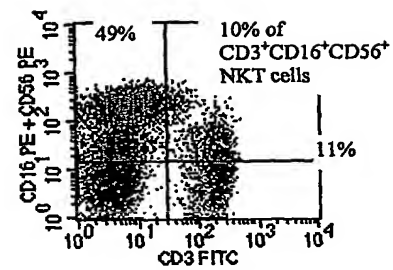
(d).



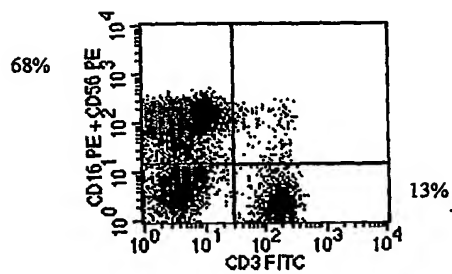
(b).



(e).



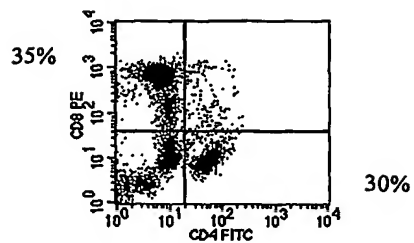
(c).



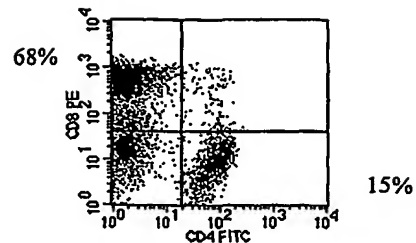
**FIGURE 24**

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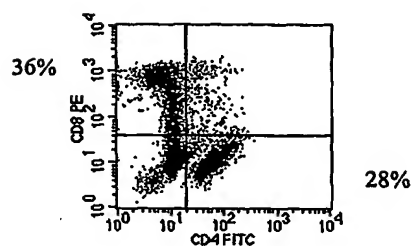
(a).



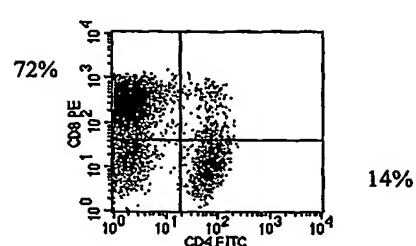
(d).



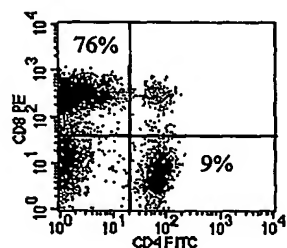
(b).



(e).

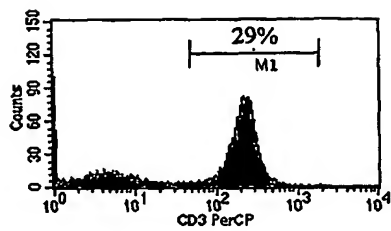


(c).

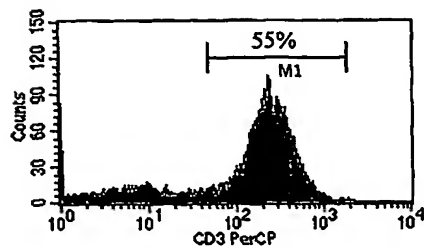
**FIGURE 25**

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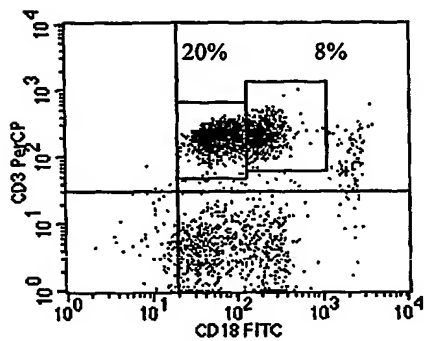
(a).



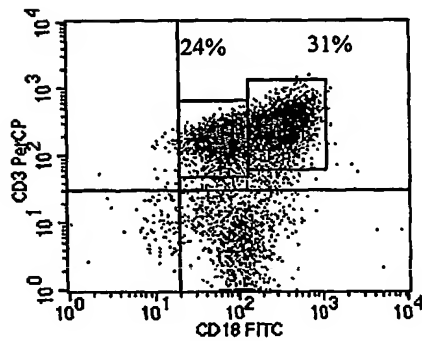
(b).



(c).

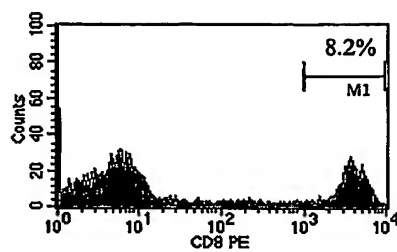


(d).

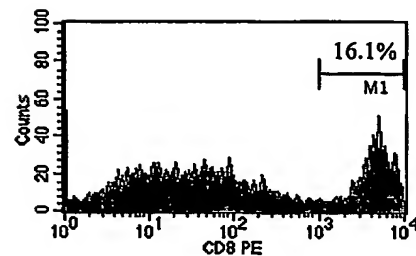
**FIGURE 26**

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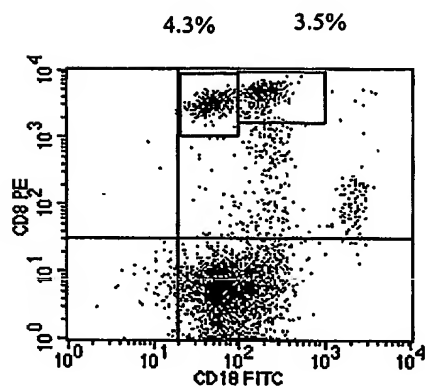
(a).



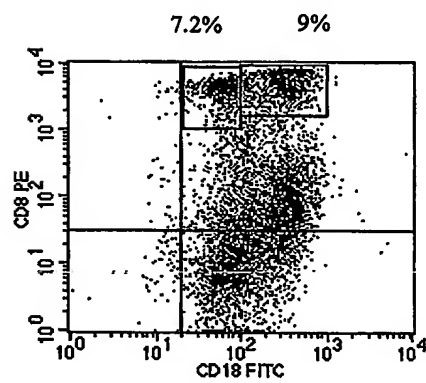
(b).



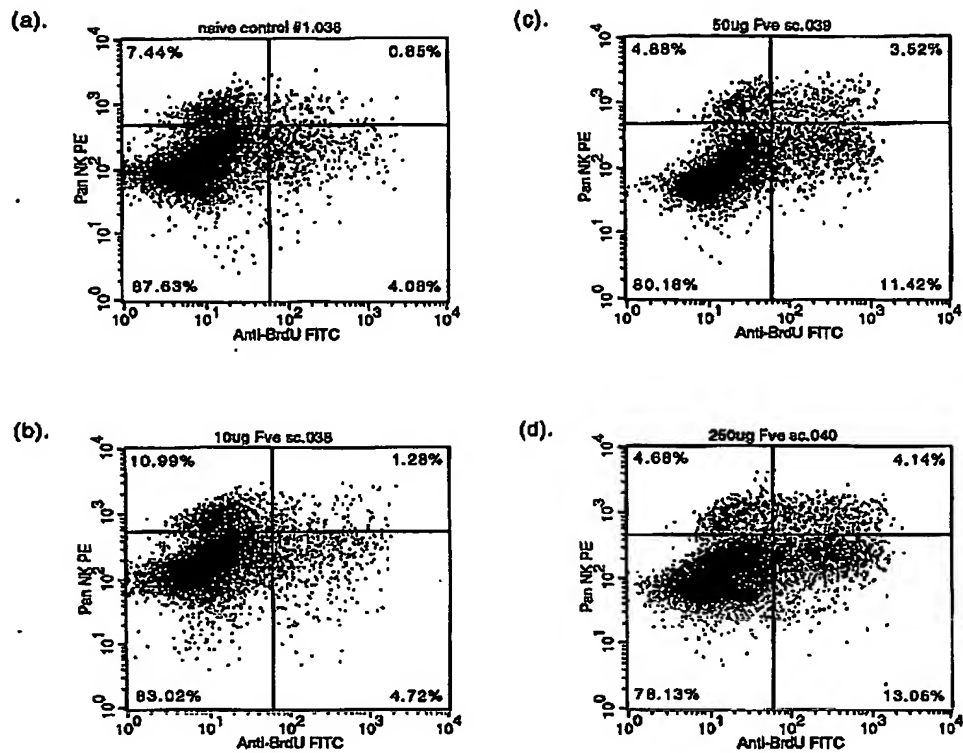
(c).



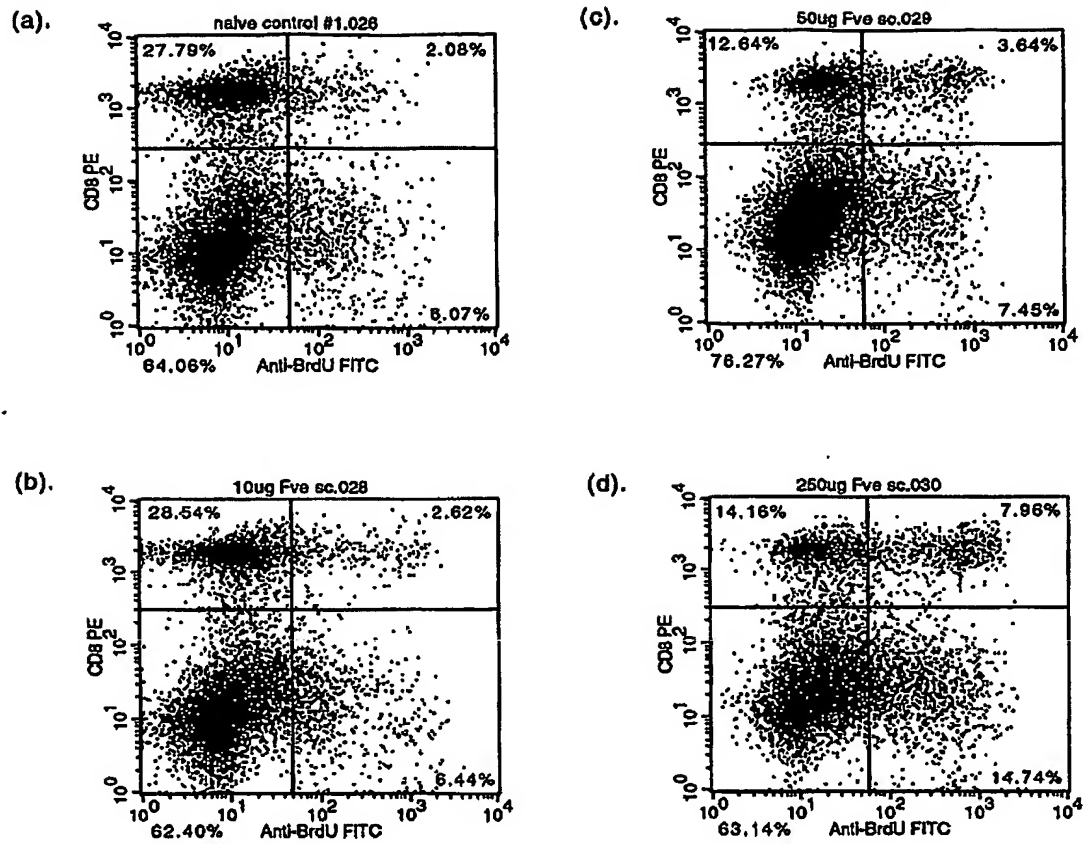
(d).

**FIGURE 27**

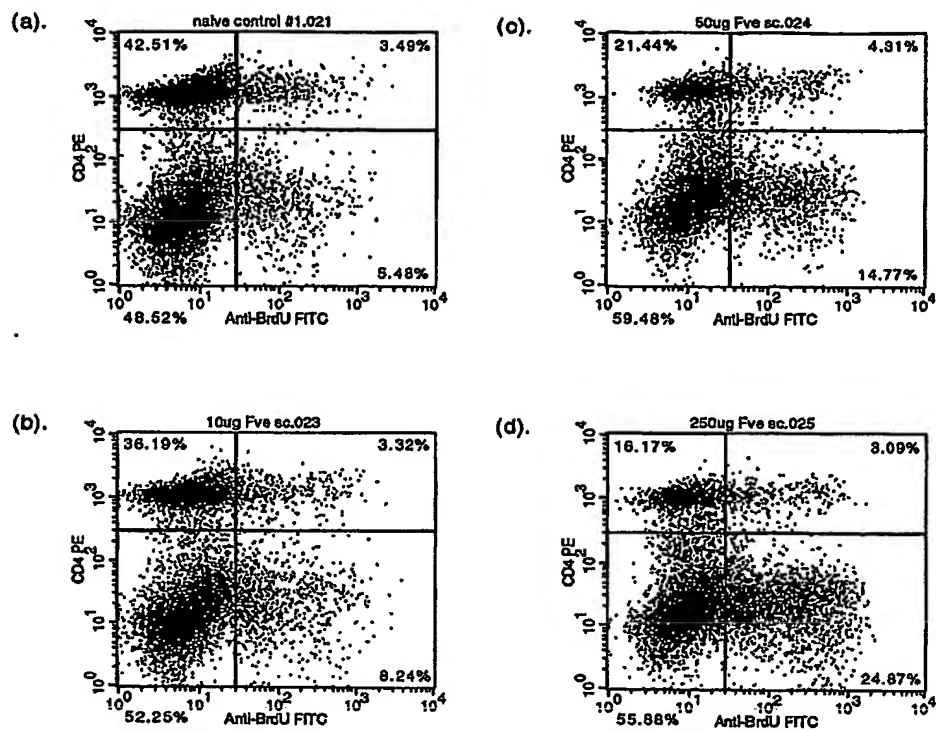
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**FIGURE 28**

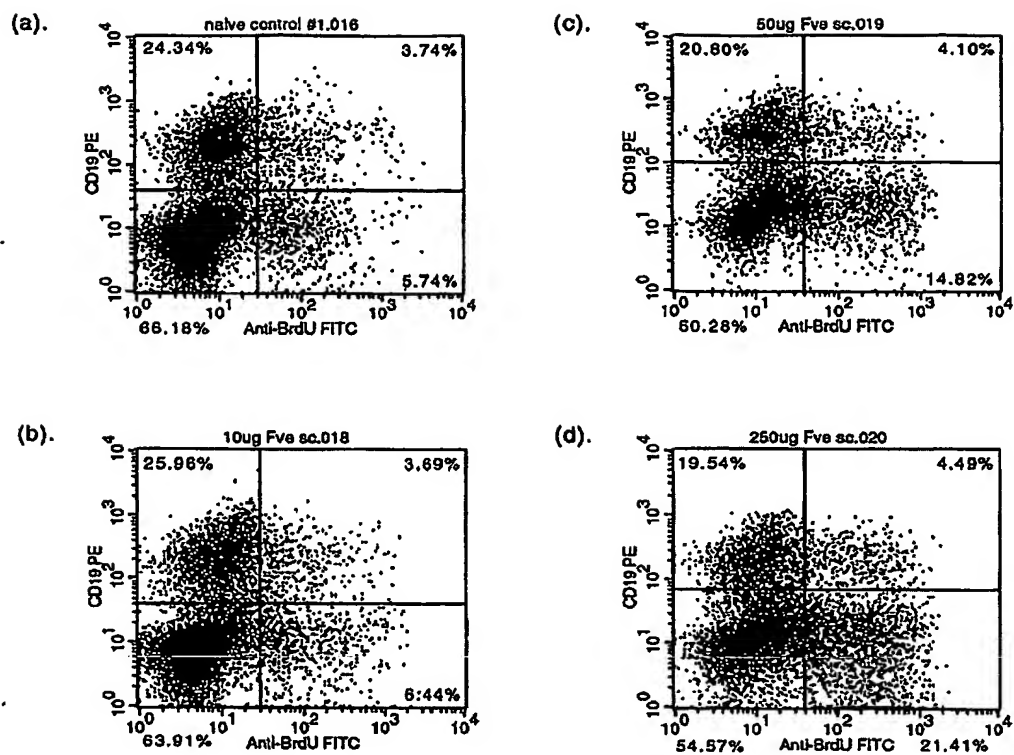
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**FIGURE 29**

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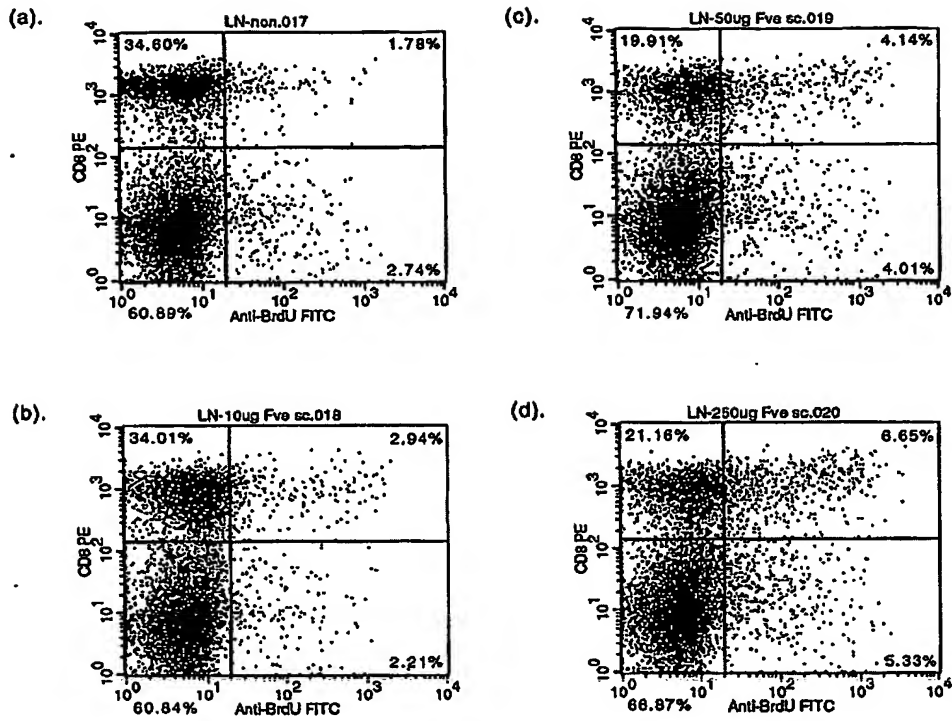
**FIGURE 30**

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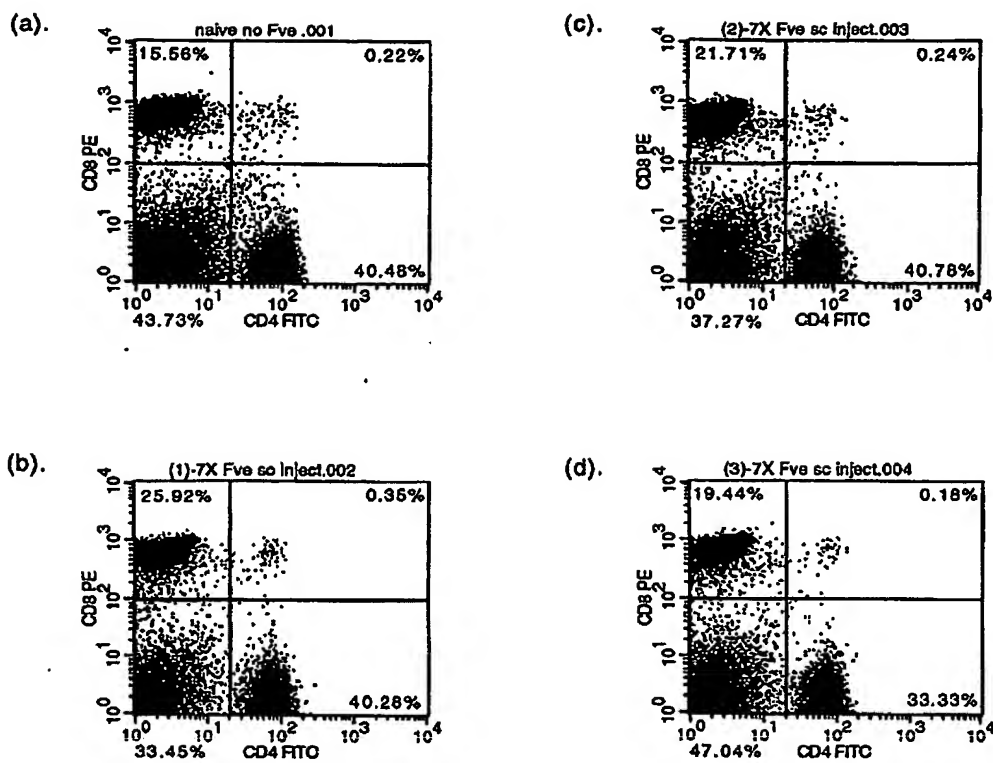
**FIGURE 31**



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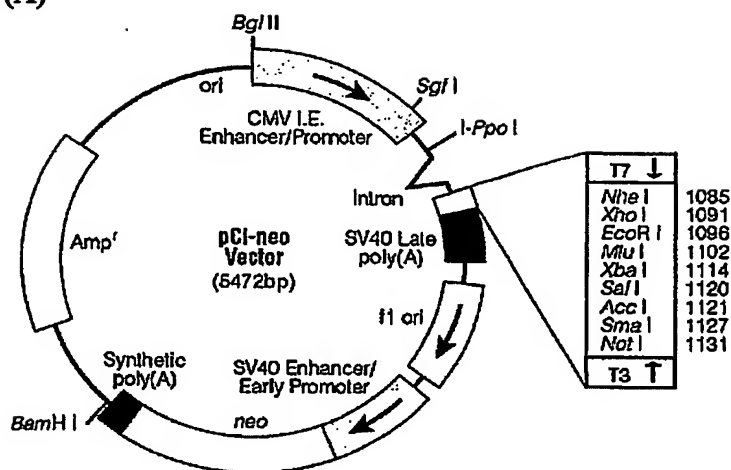
**FIGURE 32**

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**FIGURE 33**

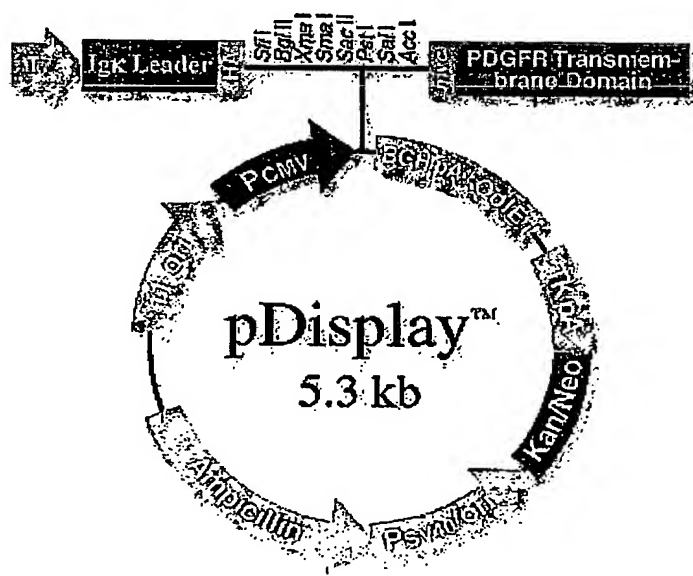
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(A)

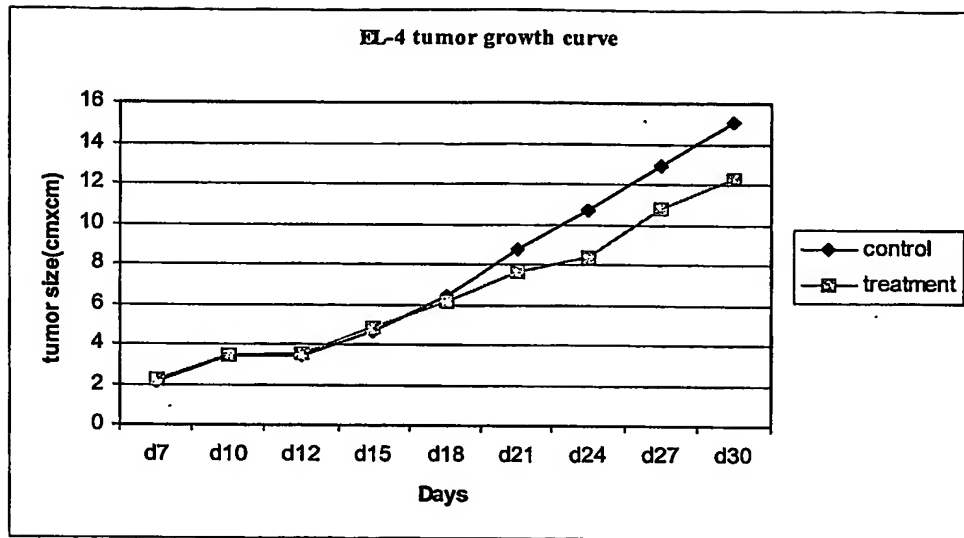


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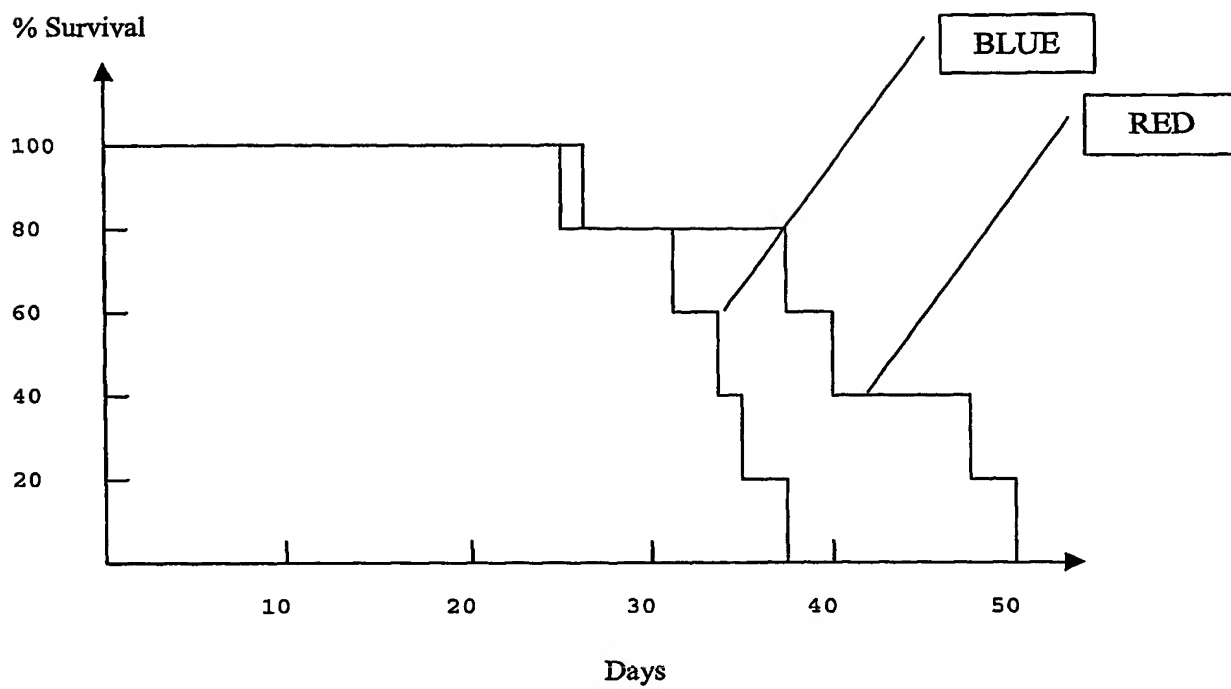
(B)

**FIGURE 34**

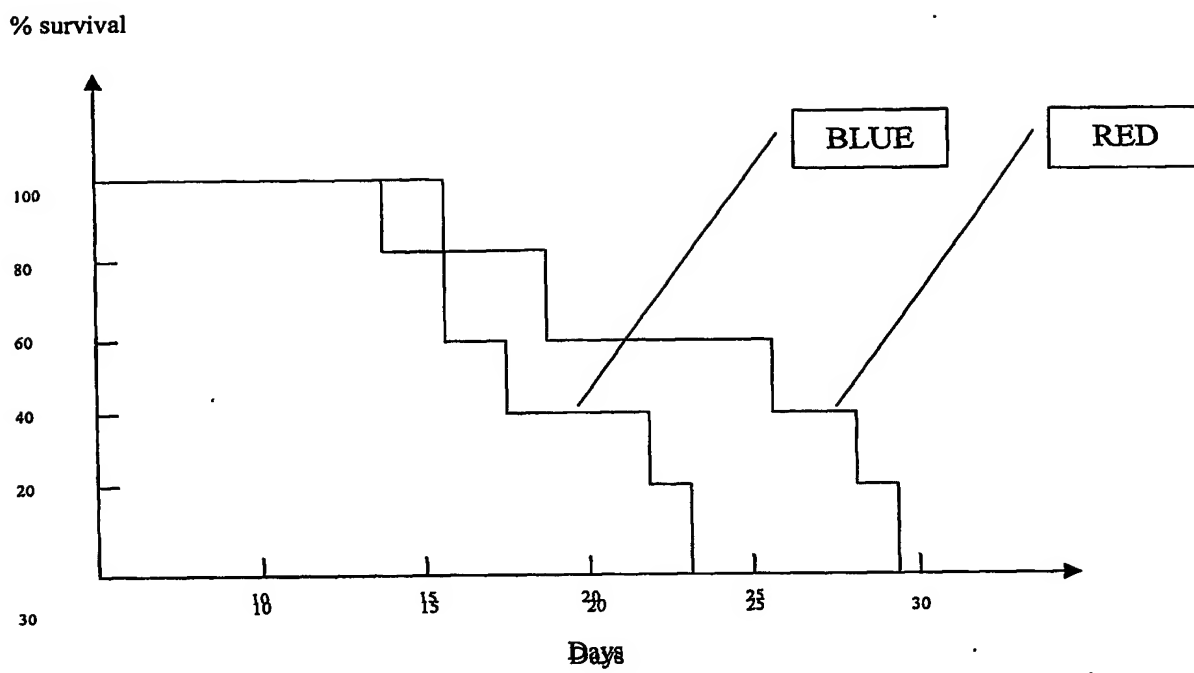
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**FIGURE 35**

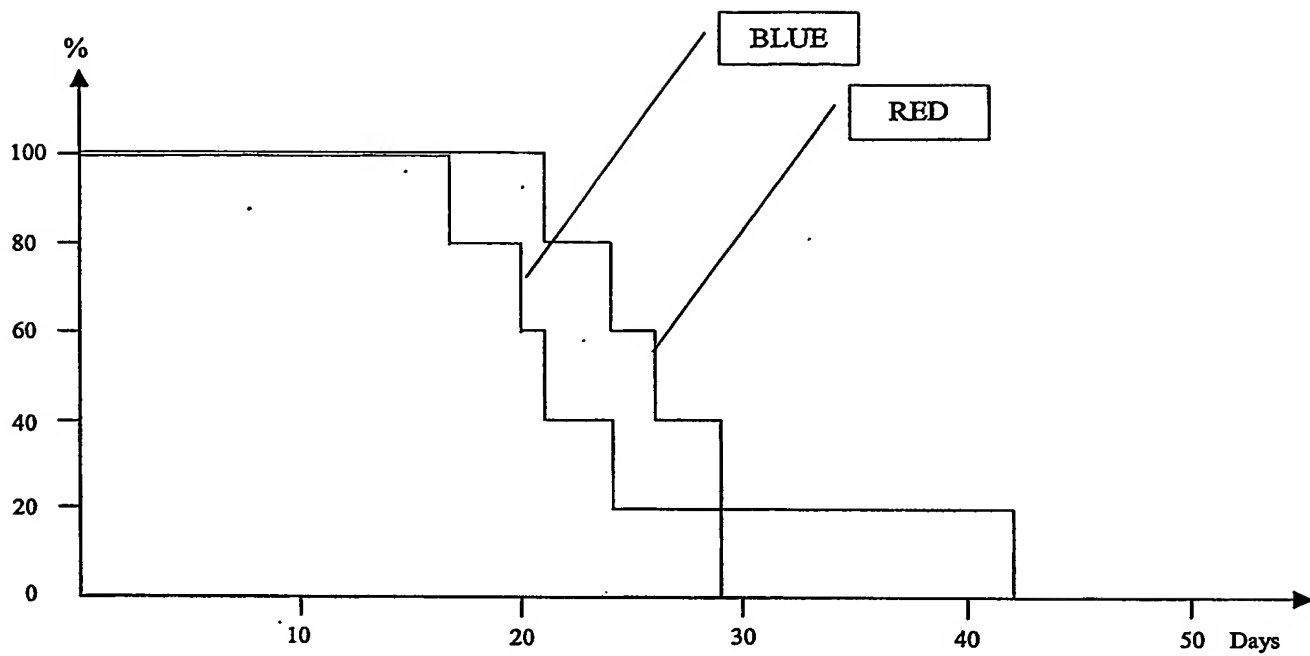
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**FIGURE 36**

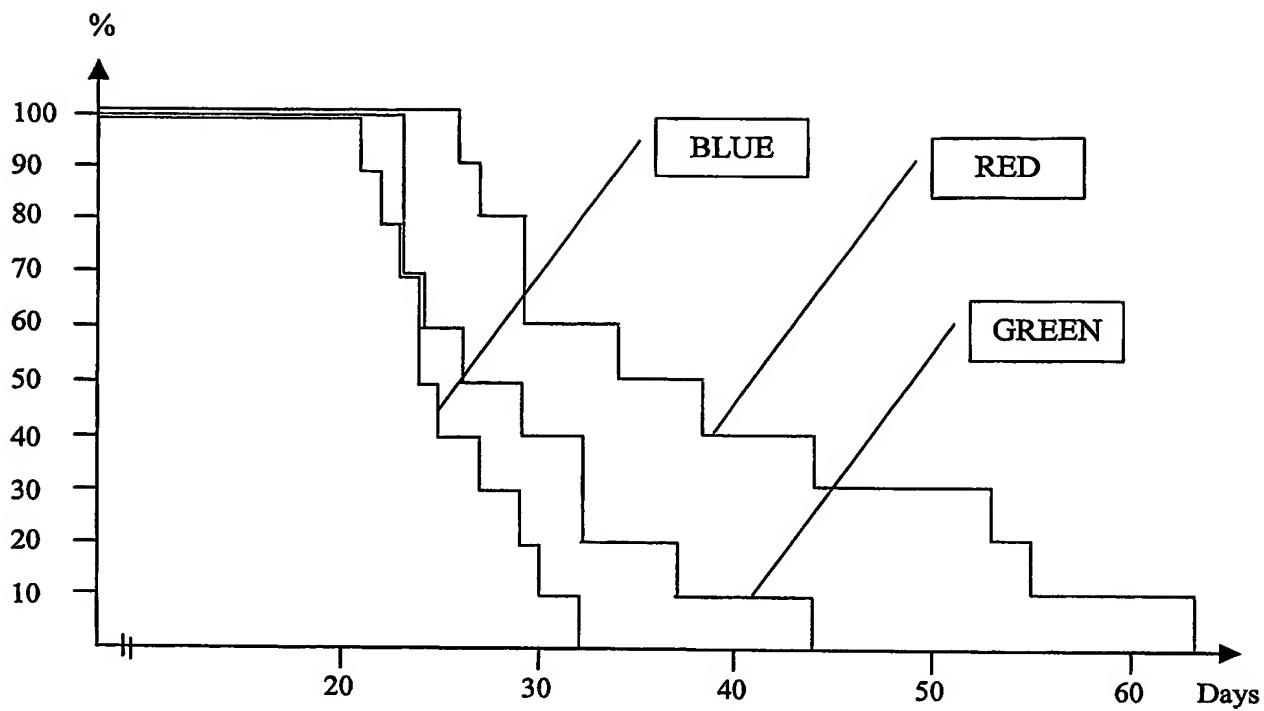
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**FIGURE 37**

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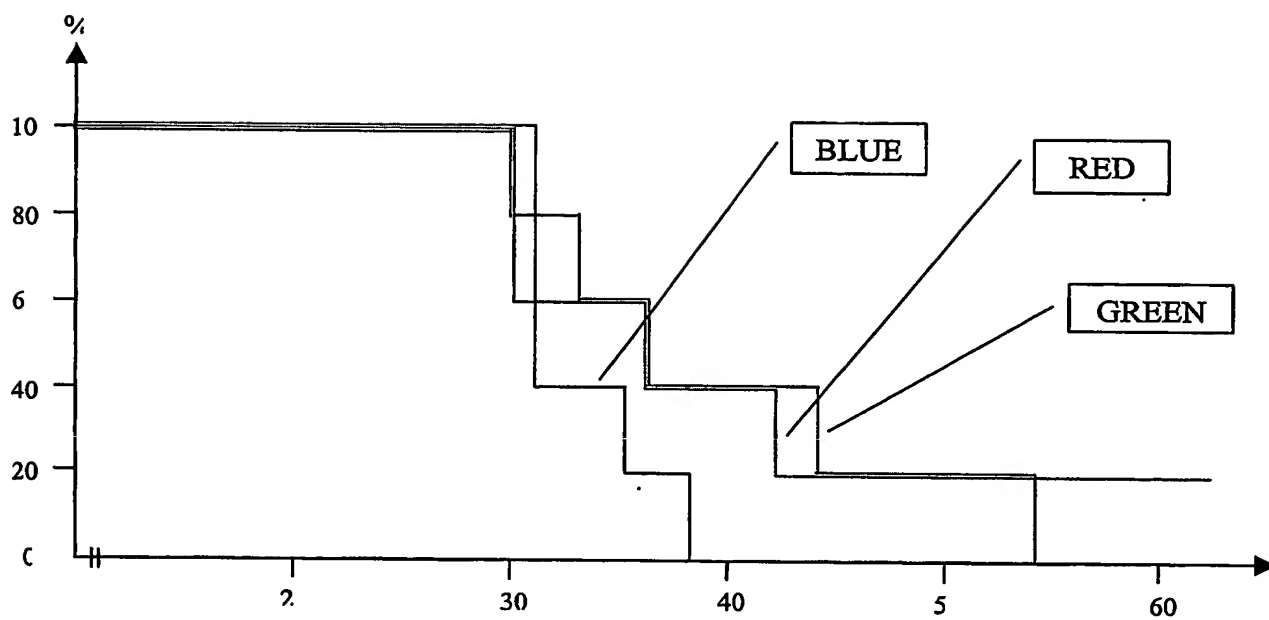
**FIGURE 38**

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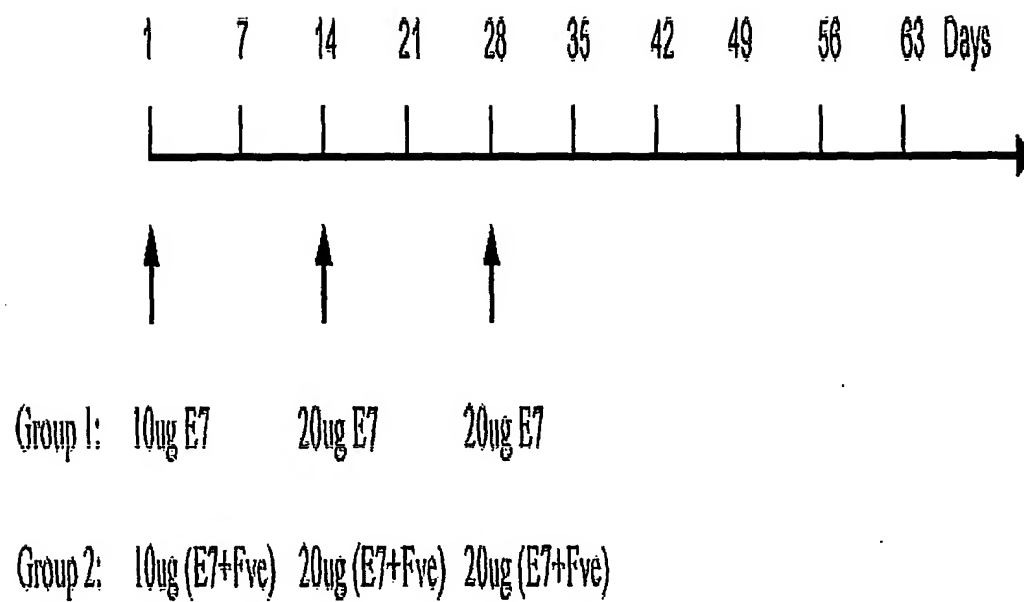
**FIGURE 39**



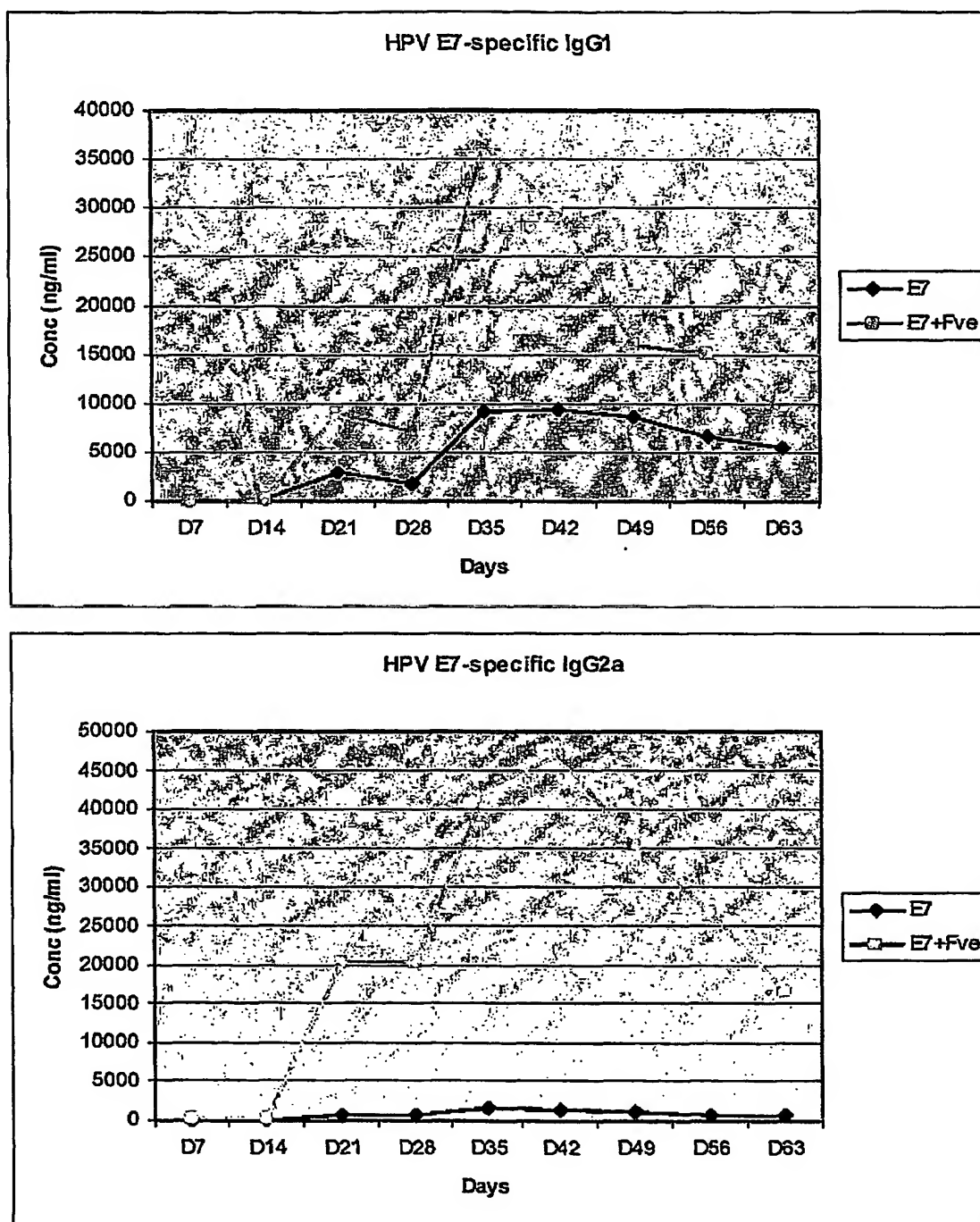
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**FIGURE 40**

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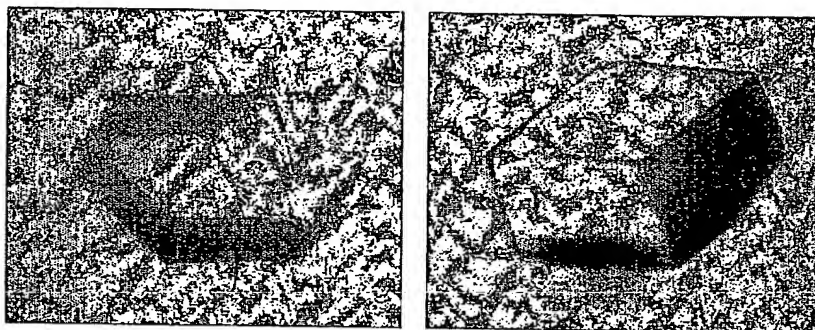
**FIGURE 40B**

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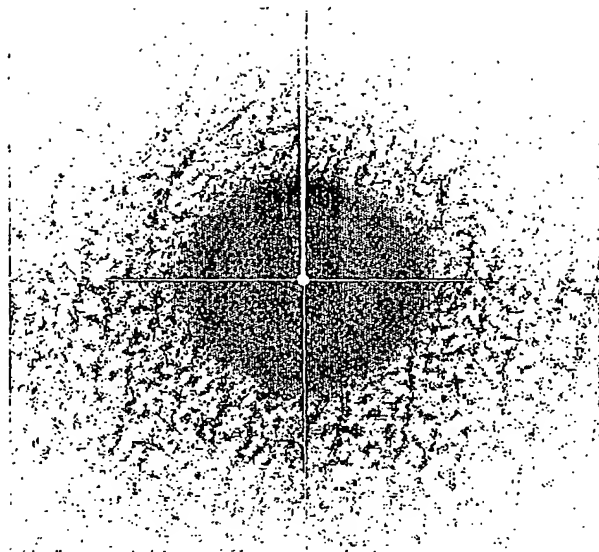
**FIGURE 40C**

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**FIGURE 41**



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**FIGURE 42**

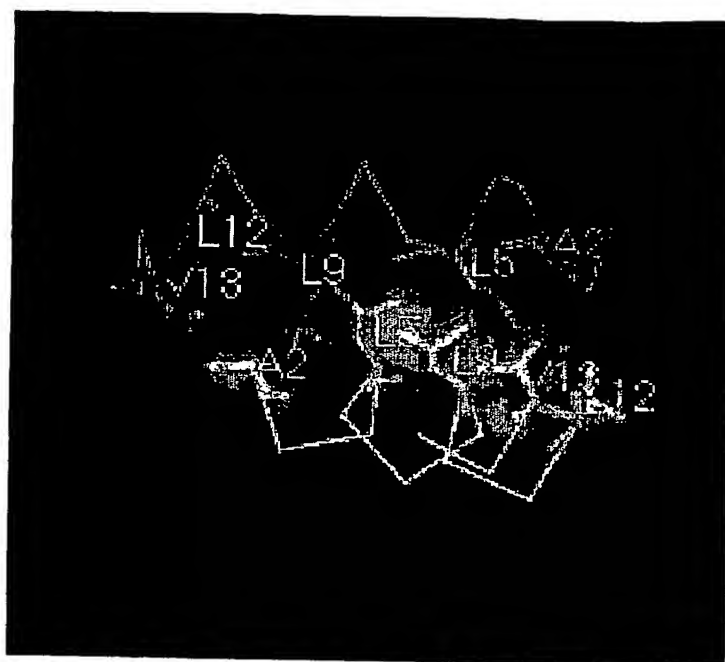
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**FIGURE 43**

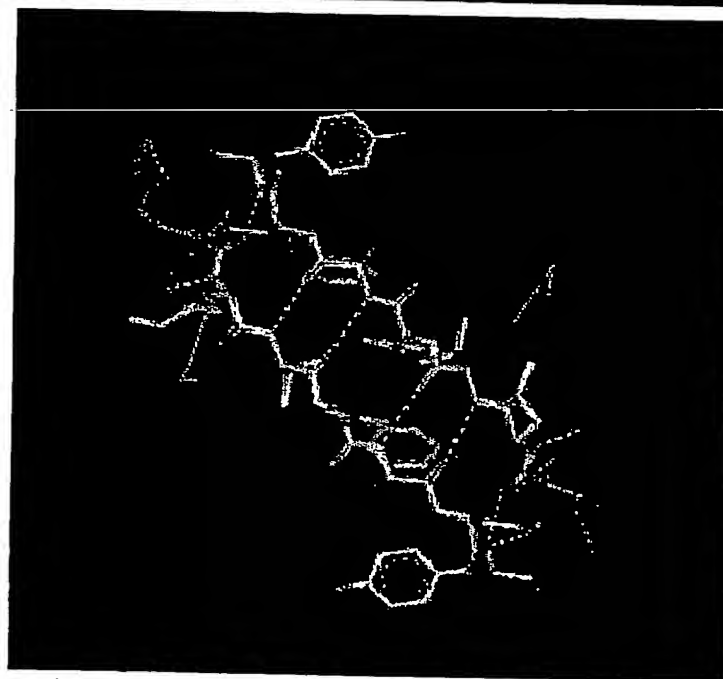


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**FIGURE 44A**

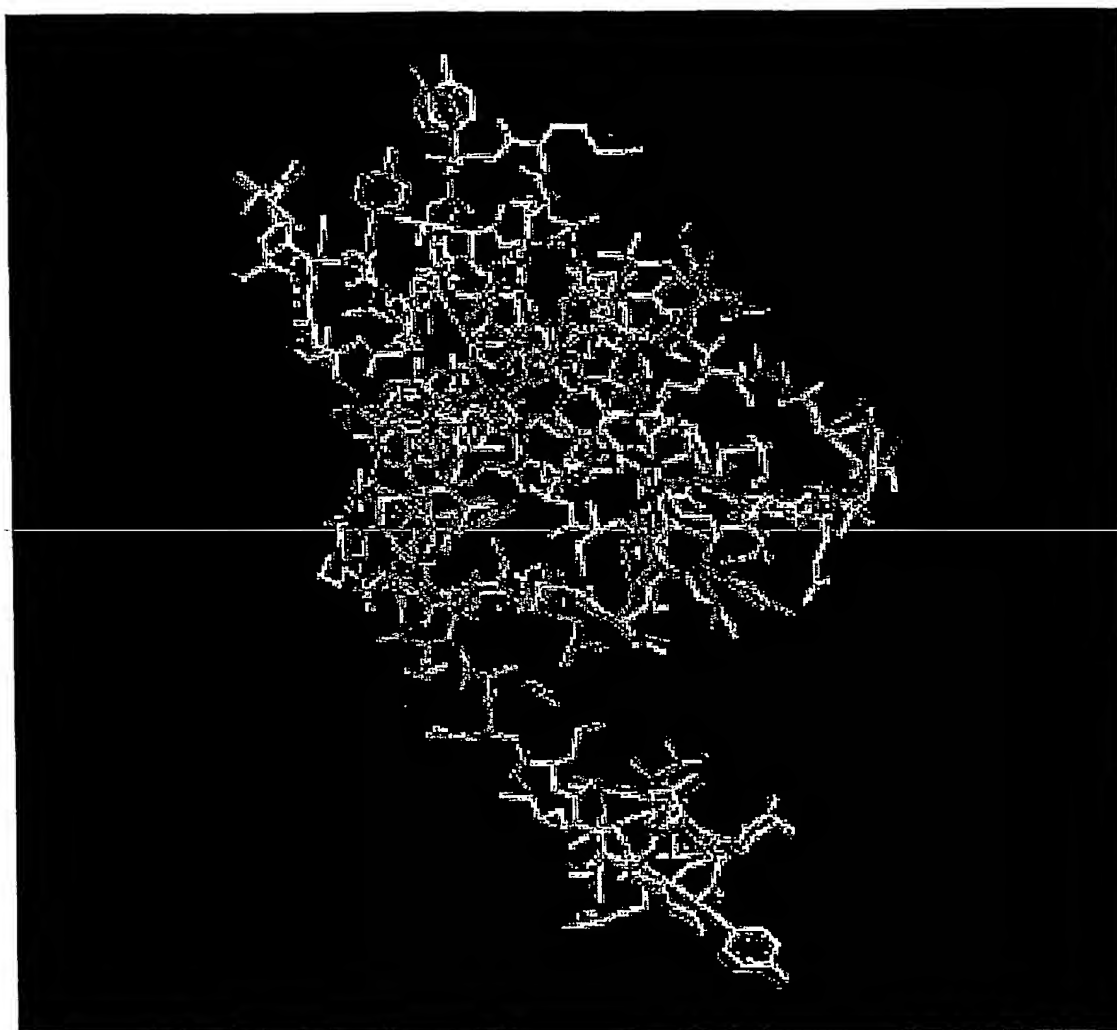


**FIGURE 44B**



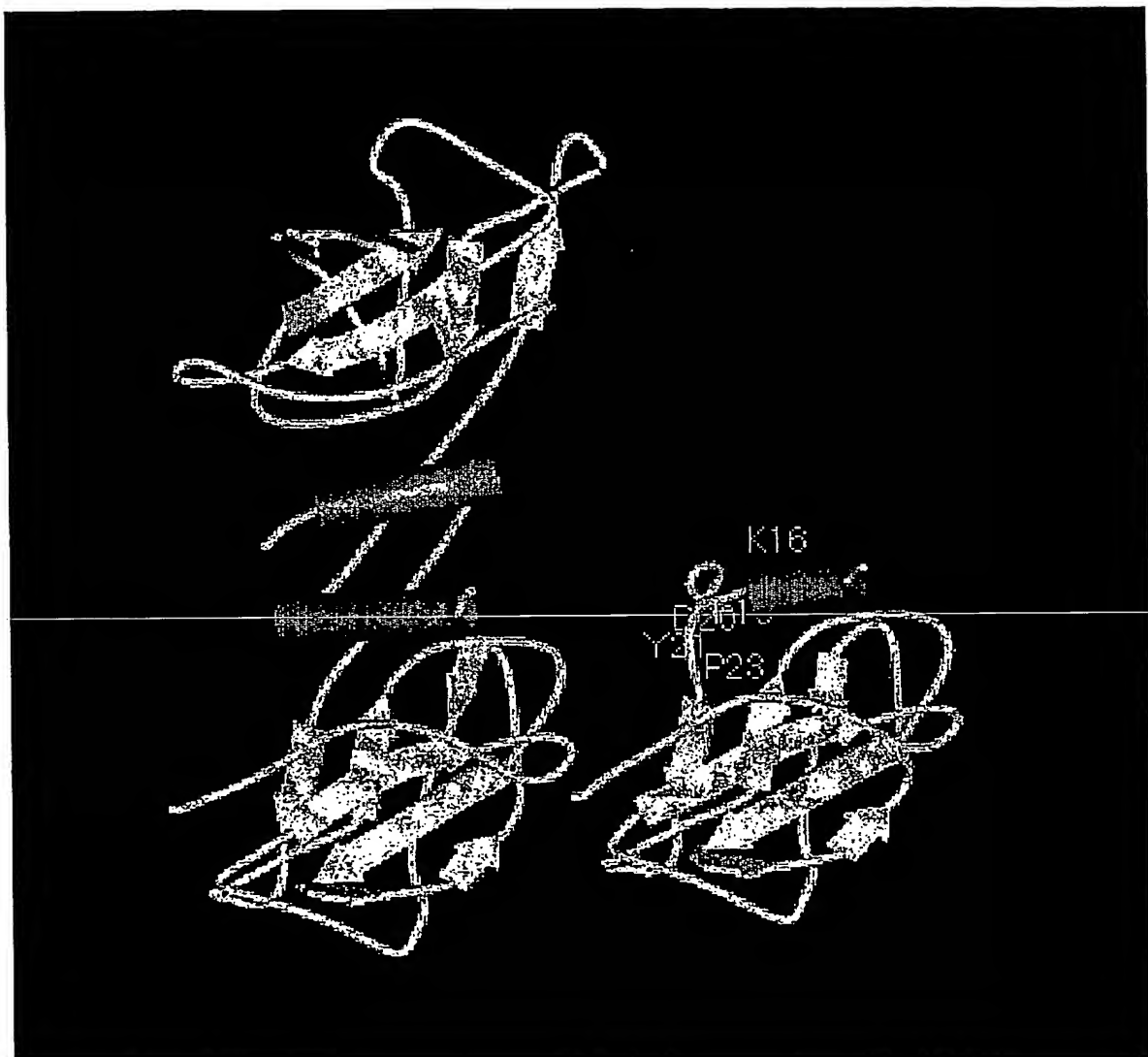
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**FIGURE 44C**





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**FIGURE 45A**

**FIGURE 45B**